

8	27364	92836	89428	81268	74982	86498	32784	31277	
86	40932	70987	32123	49817	26346	81287	65491	87364	8
721	75654	55656	12737	72727	72727	91918	63473	67867	7
723	87629	37677	32612	53498	71296	28756	18276	98716	8
269	76329	74698	76857	98670	27601	56701	57601	73648	1
701	87364	87265	96710	27630	12673	84769	28743	98127	7
78	63298	75698	27465	87326	49876	28376	81273	98615	7
77	87432	74328	78674	29867	32867	67867	86786	43286	40
77	68768	68763	34234	34238	68768	62342	48273	48768	20
706	98432	32432	86743	43286	43286	43286	43286	43286	40
743	86743	86743	39867	32867	86743	43286	43286	43243	86
74	86743	86743	86743	86743	86743	86743	86743	86743	40
792	98798	98754	98754	98754	98754	29867	67543	67986	80
76	87698	69876	87698	69876	87612	12341	34867	86798	60
7	43298	65656	56756	56123	32143	14321	32143	14321	30
77	58767	58767	76587	58765	76587	58765	76587	58756	30

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #277, October 2020

Editor: Ary Boender email: udxf@udxf.nl
 Numbers & Oddities <http://www.numbersoddities.nl>

"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

"Numbers & Oddities" covers the fascinating world of Numbers Stations and other odd radio signals on shortwave.

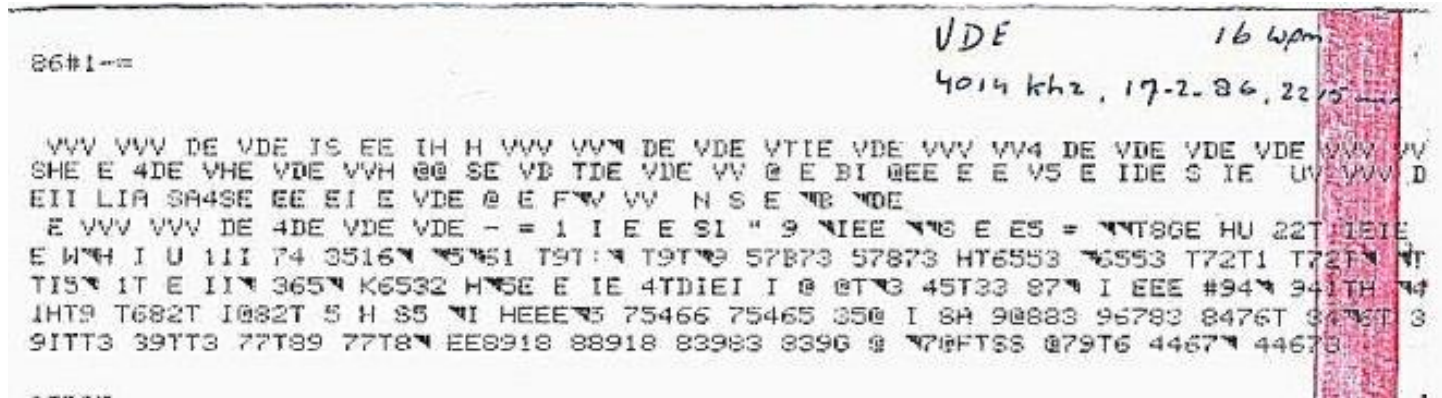


- . . . - - - - - - . - . - . . . - - - - . . - -

FOREWORD

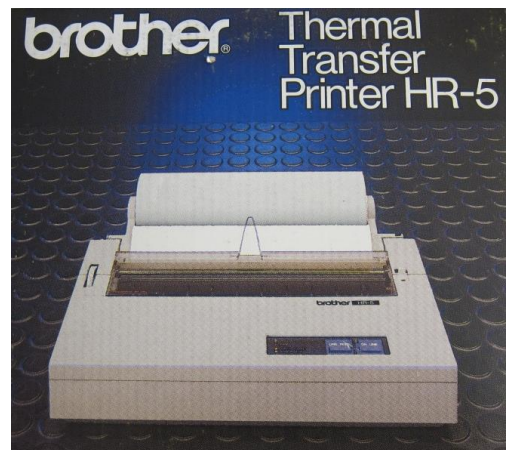
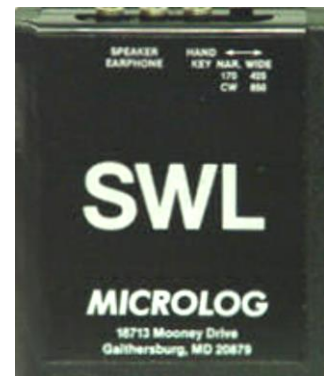
A blast from the past

A hardcopy from the old days. M29 "VDE" copied on 17 February 1986 at 2215 UTC.



Equipment used:

- Yaesu FRG-7700 receiver
- Yaesu FRT-7700 antenna tuner
- Yaesu FRA-7700 active antenna
- Commodore 64 home computer
- UG24 Microlog SWL/Airdisk decoder for the CBM64
- Brother HR5 thermal printer



What's up in October?

M23 appeared in a new format. No less than 2 new series of groups and files from HM01 and then it reverted to the October 9th messages again. Many logs of Russian flash, monolith & uzor messages from Gwrapse, and of course the usual bunch of transcripts and logs.

Thanks to all contributors. Please, keep sending us your logs, stories and info.

VOICE STATIONS

E06

18425 kHz, 01-10/02-10, 0600 UTC

20230 kHz, 01-10/02-10, 0700 UTC

186 347 52
26637 82482 72798 91465 31522 26691 08667 32531 63413 08744
80649 44675 03547 97786 24284 37683 56328 68268 48911 18682
34511 44572 54538 53207 68293 65259 46846 08999 68031 15394
92532 01456 95257 00362 82171 76680 21678 59632 92778 93070
80856 43905 67274 87374 42251 04064 53029 36161 62312 65394
66673 48632
347 52 00000

5186 kHz, 01-10, 2030 UTC

891 273 44
11532 37595 68553 78912 87463 94712 18514 02953 38414 13202
42325 23285 15802 65245 87462 78912 87463 94562 14712 84853
53067 42412 15464 75612 14352 34585 68553 23462 73459 41847
21250 37473 27624 17923 54332 81620 81244 41265 96183 74874
66753 78203 80329 38780
273 44 00000
Windows XP shutdown sound

13536 kHz, 15-10, 0400 UTC

13545 kHz, 16-10, 0400 UTC

361 479 38
79761 15543 58979 53211 06734 96625 34849 81633 78092 19079
72593 83581 83165 67120 56164 68151 89097 59749 71938 99129
49363 12068 09072 65541 00271 36544 59572 50733 50137 07655
35256 85936 90834 38348 43796 99233 86379 41747
479 38 00000

18425 kHz, 15-10/16-10, 0600 UTC

20230 kHz, 15-10/16-10, 0700 UTC

186 293 50
68781 41930 32368 52374 39879 72712 48197 68461 40258 57981
97153 55124 27012 79168 41259 71859 18584 10793 39600 21597
42100 25870 09149 23646 91352 54552 11696 17108 37598 06924
11581 68290 60399 95894 33917 80564 90648 21131 77986 30102
83008 99956 25502 75925 59918 56165 28415 17720 94377 02681
293 50 00000

5186 kHz, 15-10, 2030 UTC

891 591 42
25816 88451 24578 15425 84467 15245 15735 02104 11702 32640
87459 14512 75561 22647 74751 74458 46598 05274 22352 85694
75468 65948 75487 47511 99356 74514 74581 47516 47512 32037
75412 58455 14257 75458 58457 23024 54771 96596 46541 02017
79702 66507
591 42 00000

5197 kHz, 16-10, 2130 UTC

634 591 42
25816 88451 24578 15425 84467 15245 15735 02104 11702 32640
87459 14512 75561 22647 74751 74458 46598 05274 22352 85694
75468 65948 75487 47511 99356 74514 74581 47516 47512 32037
75412 58455 14257 75458 58457 23024 54771 96596 46541 02017
79702 66507
591 42 00000

17471/15871/13971 kHz, 02-10, 1100/1120/1140 UTC

489 489 489 1 7519 73 7519 73
84432 57216 38997 25585 30355 55763 62366 02912 76177 86469
47812 42296 83927 38586 50726 05761 67569 88841 71040 09033
15024 77628 33644 82495 32289 55457 79143 37125 47687 67087
40038 22410 41236 72228 25386 48920 08726 34507 82901 13995
95694 71586 15248 41061 01202 95380 38314 44311 57862 05647
22573 09808 06967 48826 35645 21716 68978 63140 83275 50062
32540 48817 42942 08420 34137 78683 29733 06143 42479 65524
88375 43284 29280 000 000

15962/17462/18542 kHz, 06-10/09-10, 0700/0720/0740 UTC

945 945 045 1 6061 130 6061 130
26105 74428 66976 23002 53270 87472 94814 30559 80953 64923
70775 45924 44792 95765 58460 40101 24152 13336 03844 95120
36635 02816 19703 85848 44537 60886 77467 67073 75617 84821
13776 00644 00392 08194 78143 93042 82640 20131 99439 71171
04685 00975 56572 80442 51962 26308 08837 96171 41106 62635
14907 96671 12448 79296 63858 60291 24883 14499 82202 92390
91520 16209 52712 32975 57584 27967 25713 49325 85045 34218
85002 61392 52051 41341 50709 78358 70998 26803 30159 73664
39075 40263 19520 16653 38988 69283 11459 06102 46794 77468
27117 28101 30518 74964 50726 77203 68417 42815 05888 11241
75943 83508 65021 30107 12075 06548 29288 48719 34074 95021
85939 12515 54705 90305 08177 33357 02624 10422 09597 87150
75450 76351 05384 00849 84344 01871 99569 54904 10561 49669
000 000

11539/10139/8139 kHz, 12-10/14-10, 1900/1920/1940 UTC

511 511 511 1 444 68 444 68
47373 74839 05558 91002 63129 19901 95987 30954 36296 13542
41115 07189 85514 48363 63068 92044 18188 73695 88429 05211
57051 34286 44832 25671 08431 13111 65921 94148 75361 56822
87938 02014 88756 38309 06169 43527 40695 16619 33689 44914
41860 42649 41270 02070 00658 14466 03970 46130 46640 31073
27310 89969 78314 84554 18305 71639 96040 21676 42319 39603
29158 95478 89656 47776 16171 36922 67971 61506 000 000

15962/17462/18542 kHz, 20-10/23-10, 0700/0720/0740 UTC

945 945 945 1 7193 149 7193 149
73740 55581 53318 57845 45552 76372 45563 44723 00381 82322
26024 14045 58839 89951 57364 20647 26216 65687 03638 62532
56595 09792 63595 15793 28585 33389 98927 71043 62513 11909
26498 72640 74022 97220 06538 39389 90540 43522 45679 07761
85997 25488 77939 66611 69490 26061 27760 41658 67024 04127
74422 51049 38782 96213 16256 64377 37572 34464 63428 25231
54549 42057 10226 66299 38879 28848 72348 03421 76727 90736
08797 32553 71251 61824 11380 05699 43345 85711 40144 33243
64153 02686 80036 92044 43735 24342 65146 08724 26237 72508
99699 45699 83923 55241 87820 52361 30951 75450 74152 66981
33158 42337 07773 84578 30995 60971 34458 34603 86869 12640
65202 81815 00919 76129 10054 72812 28214 83066 30997 08943
52314 25042 41145 06293 84711 71714 41245 24279 68538 58607
71195 65031 21895 73015 74110 07096 82576 58504 70059 34639
90393 70946 25333 15303 20468 36815 61236 12655 50021 000 000

15849/14849/13449 kHz, 22-10/24-10, 1410/1430/1450 UTC

746 746 746 1 318 58 318 58
42543 19433 73867 05892 89934 68541 09733 82127 40664 04185
31432 94851 13883 59438 26468 66288 95933 34805 33564 38748
13299 81242 30330 68329 98418 50993 35791 61916 45861 52968
32055 13696 34742 83603 57512 52312 50956 91768 45753 82784
86572 58173 63759 85623 64832 28917 62448 29296 52466 10419
61978 38397 92578 94488 59857 30315 51016 24498 000 000

E07a

6788/7488/8188 kHz, 01-10, 0430/0450/0510 UTC

741 741 741 1 13026 7330 87 7330 87
12681 60104 27598 28721 80904 28783 26462 00732 53587 38487
43175 05140 39608 93047 57227 56865 84408 46143 24256 77677
91350 73850 64595 34401 30750 65208 27490 98988 86139 48621
47540 28634 99048 79233 44044 45924 25516 15558 85257 92176
73732 16260 14748 44070 44516 30490 45497 18456 41945 35995
66418 66396 16513 81891 41696 09470 54640 67349 24744 71681
60807 64364 52116 37492 26632 21011 27019 56636 70620 30094
54178 20948 60334 65411 22235 49463 55121 17757 13405 67490
90200 48455 00413 11736 92895 38575 83015 000 000

11424/10124/8124 kHz, 30-10, 1510/1530/1550 UTC

411 411 411 1 14902 7554 97 7554 97
87988 08762 45703 26504 52685 97024 09871 38227 71118 50704
07664 62772 85861 73151 41482 96831 81110 31294 55670 81639
36038 37682 29972 75005 48513 62449 13048 10566 30904 94617
14942 97952 85284 29343 71009 88452 50675 02404 03756 85209
92080 22894 86365 12026 02904 31278 59819 27199 60629 81795
59012 17285 68718 77724 54621 54531 15933 42442 02510 07839
88326 26194 09082 91925 48063 57741 47541 05023 60241 96632
41213 06348 30577 68622 17812 13591 93876 27270 39803 04971
94875 04013 43534 52819 85305 53540 32694 13291 81592 17483
41599 52365 36247 88386 61306 76867 37442 000 000

11484/12184/13384 kHz, 31-10, 0800/0820/0840 UTC

413 413 413 1 14902 7554 97 7554 97
87988 08762 45703 26504 52685 97024 09871 38227 71118 50704
07664 62772 85861 73151 41482 96831 81110 31294 55670 81639
36038 37682 29972 75005 48513 62449 13048 10566 30904 94617
14942 97952 85284 29343 71009 88452 50675 02404 03756 85209
92080 22894 86365 12026 02904 31278 59819 27199 60629 81795
59012 17285 68718 77724 54621 54531 15933 42442 02510 07839
88326 26194 09082 91925 48063 57741 47541 05023 60241 96632
41213 06348 30577 68622 17812 13591 93876 27270 39803 04971
94875 04013 43534 52819 85305 53540 32694 13291 81592 17483
41599 52365 36247 88386 61306 76867 37442 000 000

E11a

12153 kHz, 05-10/07-10, 0640 UTC

941/35 Attention
53774 07797 64954 17663 01509 53493 16575 61555 35581 48465
57176 39173 23157 92676 55512 00619 82124 55494 43959 82274
95379 48763 43818 26790 41345 12265 92185 23824 43454 52860
98023 10904 25681 71296 84774
Attention (message repeated) Out

8180 kHz, 05-10/07-10, 0900 UTC

535/40 Attention

39141 13285 85332 30430 35603 66827 81541 80567 70939 52024
80926 31741 16640 93505 89383 67608 77536 45871 36632 76968
10325 80501 40663 72092 44046 02759 61851 60069 05977 07440
07774 15888 43201 36792 91465 68952 40452 12464 08385 75345
Attention (message repeated) Out

10800 kHz, 06-10/08-10, 0645 UTC

512/31 Attention

39137 94930 13970 18363 54785 09761 96037 78857 54706 41705
79439 74183 31908 05162 34707 85132 27968 01137 90077 25760
89062 07562 77086 93252 10883 78431 65687 70090 11767 94726
42441
Attention (message repeated) Out

19184 kHz, 06-10/07-10, 0820 UTC

132/39 Attention

32957 19368 93211 66215 90818 97301 54010 82551 01115 28474
18468 12443 01735 58585 88959 11726 74934 95686 95214 12200
22248 60520 27172 43990 05973 27616 48019 22463 05912 71995
86363 44949 15865 18631 62425 55579 25324 00163 02085
Attention (message repeated) Out

5082 kHz, 06-10/11-10, 1605 UTC

237/34 Attention

01167 16516 11089 41344 33573 32975 88171 24259 17492 01257
64814 07287 94100 40704 92321 21621 33376 90418 60475 51739
01459 55948 44702 46735 70954 63573 02973 34865 19044 51245
97917 62244 19970 42080
Attention (message repeated) Out

6923 kHz, 07-10/11-10, 1625 UTC

976/33 Attention

45200 59432 57939 19045 88782 00506 05566 59902 45665 13603
96436 37652 31579 71970 13394 24327 29872 18605 91350 31994
76419 00383 20251 25019 95572 13188 33581 19897 04329 47437
25657 84117 75411
Attention (message repeated) Out

5941 kHz, 08-10/09-10, 0820 UTC

436/35 Attention

56157 54187 56154 00709 57198 65433 42759 06924 22724 20849
37124 91692 88261 32877 70868 07838 86752 98325 16467 63184
02139 53479 76940 68924 48961 66672 78274 90683 47297 32357
78229 86686 51985 66561 49607
Attention (message repeated) Out

5779 kHz, 09-10, 0435 UTC

355/37 Attention

62479 08098 45034 81402 02755 85705 40310 36761 86510 62193
56308 21257 70174 38343 71502 69729 89206 51972 31364 65769
81445 77853 10756 68146 37153 58304 20191 22955 77857 16314
20417 51121 45640 51991 45970 80988 40632
Attention (message repeated) Out

11116 kHz, 09-10/11-10, 1650 UTC

920/33 Attention

89949 95447 57443 58826 91138 78052 80849 05055 03979 00971
19316 19441 95421 90696 24922 17043 72435 01141 97920 13598
18265 31184 01508 23447 03216 88908 83209 59509 93379 44515
26063 70841 83610
Attention (message repeated) Out

5371 kHz, 10-10/11-10, 0805 UTC

314/34 Attention

16764 74996 37016 64794 19281 92220 55499 96722 70854 91043
24971 34518 56401 95555 09568 40633 18005 85745 42701 14398
40339 68385 82868 09721 89193 42141 22003 79447 50854 80673
67946 56927 83664 40306

Attention (message repeated) Out

17410 kHz, 14-10/16-10, 0745 UTC

348/38 Attention

18701 25105 28080 39331 11715 98401 73877 86797 29886 04108
22343 75049 26561 91605 76705 26501 91118 15427 12401 65762
17335 61741 79114 09639 85591 16613 56904 22010 97598 62316
10561 03286 81629 08301 06157 87121 89558 87837

Attention (message repeated) Out

6940 kHz, 14-10/15-10, 0930 UTC

276/31 Attention

29903 54048 04738 67578 87088 15796 73499 87478 89483 00980
85105 95857 46778 32360 85807 28483 61747 51754 05664 61576
04621 21037 19477 21411 81595 71895 40090 12305 55552 23827
30811

Attention (message repeated) Out

8102 kHz, 17-10/18-10, 0710 UTC

492/35 Attention

39983 03081 47798 42542 66661 72545 80282 18106 29354 39930
07804 00330 30527 75369 92253 77353 43307 74035 48448 92448
02303 53295 10054 83496 57426 35123 58408 71998 76333 00395
20654 96122 53403 20456 35310

Attention (message repeated) Out

4505 kHz, 18-10, 1930 UTC

363/36 Attention

19214 14141 10552 06840 75023 48075 36047 33049 96899 81383
62872 98365 52481 41514 67211 07664 58073 39727 45188 65084
21235 52591 22604 55662 28053 41591 62800 51090 37419 48101
02069 70262 55451 16231 02841 71579

Attention (message repeated) Out

7317 kHz, 19-10, 1045 UTC

691/35 Attention

19675 76739 90823 26262 68728 05991 13434 91878 73882 97169
44110 68144 32385 30521 34813 14166 16049 24696 30246 92573
81373 41024 25873 42100 74868 77899 06192 09585 02886 73501
84519 88385 00437 33608 98051

Attention (message repeated) Out

13470 kHz, 19-10/25-10, 1745 UTC

244/37 Attention

65657 77834 61130 59094 25831 88621 23522 67012 35213 12359
02487 43031 21949 80500 17388 88938 48666 40165 56789 33119
51051 83617 56197 32202 78451 55497 33630 74356 73320 46008
10556 02132 02535 10504 90396 83918 82388

Attention (message repeated) Out

9963 kHz, 20-10/23-10, 0715 UTC

635/36 Attention

13323 76244 59920 95918 54094 17565 35419 31546 31117 97747
42797 08229 76382 62904 21038 68367 93670 31229 13023 09337
15067 47273 77683 49243 76069 69837 48588 18495 43305 74466
90407 36393 93364 31909 92183 32136

Attention (message repeated) Out

4181 kHz, 21-10, 1705 UTC

396/33 Attention

38918 20161 09498 29809 98747 52095 60611 20986 63755 46570
00830 58948 55048 59389 68022 04199 19981 52993 52143 76164
01028 12821 33497 27671 49877 42610 74423 24333 07389 05713
25858 75881 73446

Attention (message repeated) Out

8530 kHz, 23-10/25-10, 1910 UTC

618/35 Attention

04557 74711 32376 13523 20334 96746 36540 16411 71960 54758
55123 63423 79297 58743 83147 58063 15020 28622 67175 06171
39590 73901 49074 17965 15648 78802 07663 38871 10242 94009
62661 24648 13168 44539 86579

Attention (message repeated) Out

5371 kHz, 26-10, 0450 UTC

7864 kHz, 29-10, 1730 UTC

414/38 Attention

15830 64906 38058 23380 74764 93397 84639 52346 19238 68968
55365 19190 61615 46623 71806 42037 26422 65903 63033 57679
96909 07258 33072 99751 09485 32843 38712 94059 47626 17815
19373 69078 14466 39699 98100 37729 29566 25476

Attention (message repeated) Out

10213 kHz, 26-10/29-10, 0745 UTC

269/38 Attention

05881 61303 43299 00073 94526 30293 64994 83312 06771 31230
71144 97038 20087 01598 81716 40701 87006 27723 54401 34883
10162 50351 42910 36000 98565 38268 05823 24856 14967 93482
06405 15375 35772 01494 64430 06171 60809 57668

Attention (message repeated) out

12153 kHz, 26-10/30-10, 0830 UTC

183/27 Attention

56507 98847 82284 24044 14732 13701 06544 68222 88036 32406
72675 91587 49171 91604 90468 16273 95628 84867 97734 29863
27979 92965 22046 43136 44074 46648 55391

Attention (message repeated) Out

5737 kHz, 26-10/30-10, 1530 UTC

524/32 Attention

88892 37865 82609 68598 95817 14828 33063 07426 19000 59286
65416 80651 64627 47841 57136 45667 30325 54976 83107 06598
54332 60584 86873 59190 21103 92289 28951 57563 89255 46227
53246 92573

Attention (message repeated) Out

8180 kHz, 27-10/30-10, 0700 UTC

576/40 Attention

55457 10411 72237 01223 46290 62590 52692 34557 48899 92750
71948 17499 24952 76356 70119 48839 17272 38800 86665 92661
76191 49847 74709 71551 73741 11849 41280 60365 89449 72880
66999 29430 23676 97123 60133 71856 61846 95692 32263 62988

Attention (message repeated) Out

14865 kHz, 27-10/29-10, 0745 UTC

229/39 Attention

17141 42850 95382 56805 17594 64185 21666 55436 11793 37845
30388 44781 86400 26900 98899 57645 37513 89912 49216 93192
75238 34030 23798 65569 39109 73265 42628 30127 20844 30262
90794 71618 79526 09433 09347 38941 10034 30049 85716

Attention (message repeated) Out

12202 kHz, 27-10/29-10, 0845 UTC

152/35 Attention

00031 17373 83816 95985 74777 50086 96748 43186 51163 63555
55223 69002 95172 40509 72179 83483 90665 09650 62994 97961
02128 28563 65997 51173 98345 13101 58988 21474 84408 80108
20349 55537 78195 88758 19728
Attention (message repeated) Out

7317 kHz, 27-10/30-10, 1000 UTC

308/30 Attention

50094 86203 58207 12088 46599 19709 86406 26511 97574 58985
42674 73478 14842 79771 33044 56851 89859 08769 87967 80105
87368 63983 07483 19856 06693 95127 27351 97281 63135 83644
Attention (message repeated) Out

6923 kHz, 27-10/28-10, 1205 UTC

469/38 Attention

12513 62283 75190 57125 29885 27522 16350 96420 76883 91081
70508 94581 76449 58565 89442 80367 51207 64630 56455 32304
87281 65709 41068 40360 72694 80227 88447 79215 41759 14231
20466 44546 12332 67741 27955 63204 96822 51136
Attention (message repeated) Out

12530 kHz, 27-10/29-10, 1230 UTC

332/31 Attention

62227 64046 13735 03862 43729 89052 31528 37280 28893 05713
87483 24970 27455 86723 67976 90733 73836 67292 19104 85180
28784 12293 31339 98449 36034 87053 09985 72664 61779 94749
44826
Attention (message repeated) Out

14972 kHz, 27-10/31-10, 1345 UTC

917/31 Attention

11175 58516 71874 52663 54202 73210 18204 13219 98552 44386
23669 02889 66181 57894 67812 99916 91093 69260 51607 88808
40228 08858 95936 97598 66356 93715 43599 96785 55193 26223
08302
Attention (message repeated) Out

E17z

14260/12930 kHz, 01-10/08-10, 0800/0810 UTC

217 864 5 18430 37111 31716 74483 43472 864 5 00000

14260/12930 kHz, 15-10/22-10, 0800/0810 UTC

217 843 5 41736 25910 56281 63156 05371 843 5 00000

14260/12930 kHz, 29-10, 0800/0810 UTC

217 217 217 00000

G06

5442 kHz, 09-10, 1930 UTC

947 735 44

21532 53595 12559 42912 87463 94742 64674 02953 38414 13202
42325 23285 15802 12245 87462 78912 82463 94562 14712 84853
23067 42442 15464 75612 14352 34585 64553 23762 73439 41847
11250 37133 27624 42223 54352 81620 81244 41267 96113 74874
16753 58203 12329 14780
735 44 00000

5442 kHz, 23-10, 1930 UTC

947 902 45

12435 76426 05698 65615 65790 43483 23453 83874 12453 16452
68716 08343 24102 88748 72657 03126 73561 61123 87122 83823
84774 61251 87891 23437 94526 13242 17964 43525 12121 21198
64265 42346 56781 44322 38765 32145 63451 22344 56944 13368
78265 14368 12346 73416 32442
902 45 00000 Windows XP shutdown sound

S06c

18042 kHz, 28-10, 1030 UTC 11220

S11a

7469 kHz, 06-10/09-10, 1020 UTC

425/38 Vnimanije

15253 17555 80521 09162 13756 63752 45246 99698 96677 18852
86034 15232 21315 52535 69957 98659 98192 49681 57608 45093
18337 49215 37532 53543 85068 00285 75985 02049 11734 89923
56096 46251 30714 79142 57018 87771 26051 28586
Vnimanije (message repeated) Konets

14415 kHz, 12-10/14-10, 0715 UTC

381/33 Vnimanije

07440 29011 46957 83290 95614 73634 93053 46767 60655 47102
80554 25107 84848 27454 25498 20051 15259 43968 54972 55827
26711 61930 14815 10363 66805 87847 61737 59990 80653 34445
40139 85162 59881
Vnimanije (message repeated) Konets

10213 kHz, 14-10, 1850 UTC

287/32 Vnimanije

79540 84833 66417 22860 53619 79572 81142 46671 46574 09114
40082 48882 54367 31579 12357 61759 90363 60399 78858 75928
59980 38527 94039 12033 75174 66847 65806 93623 08857 73365
33395 54793
Vnimanije (message repeated) Konets

8597 kHz, 19-10/22-10, 0700 UTC

471/40 Vnimanije

56013 78008 97662 94286 10034 32436 67546 80344 93732 29377
62681 47868 50663 45269 65099 07844 70500 82880 24016 85611
36702 75595 77332 60147 33847 41786 97823 73844 05760 45526
23898 22942 61911 35682 48178 67529 35715 15164 53954 45514
Vnimanije (message repeated) Konets

6433 kHz, 21-10/23-10, 1135 UTC

373/37 Vnimanije

95937 68517 07984 04767 99938 91097 30067 01417 06648 30765
75366 93931 53645 73710 35904 17646 07766 54728 63898 44770
88390 86209 83097 87439 80557 20803 56788 66354 76619 74346
54988 91831 73789 22163 10004 33436 79930
Vnimanije (message repeated) Konets

11116 kHz, 26-10, 0510 UTC

654/31 Vnimanije

01432 67405 53764 23373 19759 13806 11294 73278 51446 44598
21186 26279 91861 92928 70477 64411 07260 46325 07132 99408
91116 21024 92422 43167 99609 60617 20239 12657 09770 22477
47816
Vnimanije (message repeated) Konets

4505 kHz, 26-10/30-10, 0915 UTC

483/36 Vnimanije

53035 78383 44611 09627 74428 40510 05152 46148 23761 76755
62706 27609 50520 71113 71994 79584 18011 62876 25090 51037
76729 72213 52947 40472 27605 32696 39943 04782 67295 82895
36195 42494 11071 45159 83717 29412
Vnimanije (message repeated) Konets

V07

14725 kHz, 04-10, 0120 UTC

974 974 974 1 411 102 411 102
16274 11009 10561 00387 55032 82179 30800 69207 15278 52845
10406 68994 50556 30103 29768 68884 69636 60677 50530 58917
03068 05943 22680 56381 37886 26136 00944 64660 18549 85251
22066 89937 20425 44682 50508 08186 59883 08147 64512 50395
82463 59484 16826 87864 27904 77004 47628 93899 02366 82982
88038 09993 34700 46165 53832 06055 45665 61807 05097 62482
29949 69333 78284 06889 18205 80691 92495 09961 02815 61564
13320 88991 81554 67562 81264 51255 84626 55568 82297 67635
52357 25544 98854 84776 76187 77616 54175 04855 95791 94570
73483 39462 29047 43910 01489 56220 11602 13635 50648 86204
35850 61934 000 000

15925/14725/13425 kHz, 11-10, 0100/0120/0140 UTC

974 974 974 1 7074 118 7074 118
68559 68782 78883 25279 45144 59690 79371 44101 18639 62864
94192 30898 72212 94061 13749 79854 48051 10458 15982 28741
48944 05446 62898 37475 18734 26611 68108 05473 26847 33339
59773 79786 13107 69621 51152 83036 93471 22768 51108 18193
86397 16417 76636 74633 08508 46808 94998 70045 43119 54208
05002 97459 35730 72236 07975 90744 48275 80170 74176 62783
06010 88944 04011 40571 21315 31756 57771 84098 29075 93418
44048 88649 58547 69226 54730 08176 38554 74048 26582 75880
05349 60705 97337 82824 52023 02768 70712 93456 31651 57069
98345 35317 56039 75452 60610 93799 21894 38252 78729 17194
68397 99299 51563 90254 62605 77223 71893 92987 54468 34853
67984 98790 97511 39200 75741 73829 83133 53720 000 000

14725 kHz, 18-10, 0120 UTC

974 974 974 1 877 104 877 104
61325 96263 05780 89885 99596 48445 25161 02771 99996 32287
80863 98904 76256 41500 62912 41102 89022 23993 93232 63519
23233 68065 62563 84456 06542 17445 69339 46195 90423 30453
88038 02812 64548 58242 78430 39430 46856 73246 29270 50786
92884 24422 16462 98916 17301 30643 32399 76393 50705 43606
50903 97364 07965 25963 37429 47639 54851 26739 90370 26185
03334 67545 79061 93233 80234 49825 72866 44217 44231 55483
90967 64045 63041 24680 66982 61560 38119 01350 10711 55300
31754 88567 41252 30274 71670 23862 60445 62992 16973 57279
61941 08047 56525 15401 18600 23946 44823 50588 12554 64201
02835 91624 59689 40232 000 000

15925/14725/13425 kHz, 25-10, 0100/0120/0140 UTC

974 974 974 1 6873 126 6863 126
14554 30339 67397 07696 26273 20460 39971 75678 70866 11778
43777 97772 35265 28919 80255 47971 46809 88303 58358 78467
89523 27632 43721 96933 45299 27115 29704 71840 56312 17531
97335 86006 69255 88476 58662 93505 53334 65131 08913 40128
11013 95273 93198 68506 57064 79447 22719 30347 04764 37042
83681 53241 06668 46564 43314 81444 89598 75199 01036 80742
26524 64207 72456 88781 29144 40211 87263 26727 22262 55788
59039 14841 14938 41644 77036 78078 34019 10412 34194 63458
61374 22065 70044 13016 87941 58466 44606 93126 03741 32872
73986 63093 66539 98266 80797 03506 08845 03741 07693 78493
01511 25926 95757 30656 43288 25340 36458 95014 49825 77161
19188 49765 02858 54620 40522 81199 27096 70687 85270 26392
83994 77307 43873 35191 37694 83556 000 000

MORSE STATIONS

MX

Channel marker "R" returned after a long silence but disappeared after a couple of days.

4325.8 kHz, 26-10, 1120 UTC	Channel marker R, Izhevsk
4325.8 kHz, 26-10, 1508 UTC	Channel marker R, Izhevsk
4325.8 kHz, 27-10, 0458 UTC	Channel marker R, Izhevsk
3657 kHz, 26-10, 1735 UTC	Beacon V
4977 kHz, 26-10, 1735 UTC	Beacon V
3657 kHz, 30-10, 1724 UTC	Beacon V
4977 kHz, 30-10, 1725 UTC	Beacon V
8497.8 kHz, 26-10, 1737 UTC	Beacon L, St Petersburg

M01

5475 kHz, 01-10, 1800 UTC

463 355 355 30 30 = =
66656 57961 95867 44887 12124 35880 60295 42216 13102 68274
16251 65957 27144 40205 51239 28921 17221 04049 12343 04049
68804 71574 47841 00751 97514 11379 22405 35830 27701 43600
= = 355 355 30 30 000

5020 kHz, 01-10, 2000 UTC

Stopped halfway group 23 and restarted with corrected group 21.
463 367 367 30 30 = =
88484 92061 82486 87893 11839 31694 95715 67777 05104 52011
58775 35810 19495 75167 03471 60080 42826 22171 36646 99949
07796 03429 00335 0833 02429 00335 08333 30075 49936 79915 19239 77017 74463
= = 367 367 30 30 000

6260 kHz, 03-10, 1500 UTC

463 211 211 = 30 30 = =
57072 71711 46579 94012 16326 00324 51585 20923 97759 09366
11401 77785 50681 78130 44598 97751 08786 96451 08159 06807
06996 10330 58645 56535 27188 03510 38003 02552 50464 82855
= = 211 211 = 30 30 000

6510 kHz, 04-10, 0659 UTC. Early start

463 217 217 30 30 = =
84322 45133 83636 36005 19049 20587 59677 95621 81666 61641
63546 63828 54153 97571 30334 15397 58521 85882 54056 63714
37158 69284 62443 31887 08330 99739 09761 19771 12082 60749
= = 217 217 30 30 000

5475 kHz, 06-10, 1800 UTC

463 750 750 30 30 = =
40083 84656 55560 91666 75657 17878 02937 63779 44097 36896
97745 27972 06588 48937 53476 68303 03518 99868 75343 41921
09075 57660 54784 53866 22806 28393 77726 12479 13102 54017
= = 750 750 30 30 000

6260 kHz, 10-10, 1500 UTC

463 693 639 = = (no group count)
92690 23516 90418 07632 70227 42291 30436 72369 56636 47268
65107 37830 44040 42709 94950 79382 85102 54304 22840 59955
79938 30770 66165 01117 89192 31643 33500 54171 38707 40159
= = 693 693 30 30 000

6510 kHz, 11-10, 0702 UTC. Late start

463 482 482 30 30 = =
25840 76905 45079 79124 26899 35540 81308 16091 89124 99882
65572 66503 31836 52519 71261 04193 62113 96244 92977 98080
10425 90061 98956 03562 53154 16900 71362 22613 60367 05826
= = 482 482 30 30 000

5475 kHz, 13-10, 1800 UTC

463 145 145 = 30 30 = =
62472 43408 88425 95064 80173 43311 04293 13258 34421 37623
44159 77635 84116 82715 78150 79490 79071 24605 74767 67802
62172 07393 99996 05902 33065 18989 09458 23558 73114 01245
= = 145 145 = 30 30 000

5020 kHz, 13-10, 2000 UTC

463 193 193 = 30 30 = =
12091 60864 88698 79908 30053 70216 64159 21734 03467 08463
04535 78212 09883 12062 32435 92403 13304 02450 39000 44141
08456 56552 54575 00219 88870 21055 74449 00830 13201 46139
= = 193 193 = 30 30 000

5475 kHz, 15-10, 1800 UTC

463 374 374 30 30 = =
97237 95481 36787 13502 53211 19552 98136 24690 45135 24972
80440 35451 72384 23980 79666 03276 15190 64200 89193 49763
39419 18267 97859 79668 81803 54831 65835 96252 79442 54939
= = 374 374 30 30 000

5020 kHz, 15-10, 2000 UTC

463 632 632 30 30
82096 87980 51270 19922 57585 05916 34117 90715 19159 52272
80244 88716 04669 58972 40730 55265 20674 96177 36951 01814
17617 71426 46108 21330 65380 66326 46606 26499 00743 55265
34938 20674 96177 36951
= = 632 632 30 30 000
Group 16 was sent once
Groups 16 to 19 were resent + one additional group

6510 kHz, 18-10, 0700 UTC

463 534 534 30 30 = =
84877 06074 47717 83488 37384 63481 98929 05777 03073 67292
67273 77092 96199 97021 77033 09276 95994 15723 68416 08114
87225 24200 15191 59228 19171 11510 87355 08003 59531 07036
= = 534 534 30 30 000

5475 kHz, 20-10, 1800 UTC

463 545 545 30 30 = =
74140 84349 16695 31369 39093 18978 89984 21824 22652 23539
95163 48089 40551 13677 39772 27970 35379 23941 17346 97898
72962 10171 43693 19312 75147 71858 90105 83928 40907 48473
= = 545 545 30 30 000

5475 kHz, 22-10, 1800 UTC

463 743 743 = 30 30 = =
53478 03963 39504 99286 92075 90003 97854 66982 42196 79526
31248 03963 39504 99286 92075 90002 97854 66982 42196 79529
31248 75085 50245 82172 51693 26298 14150 94623 37383 16624
= = 743 743 = 30 30 000

5020 kHz, 22-10, 2000 UTC

463 412 412 = 30 30 = =
81259 29537 47349 16598 19335 78890 99226 34509 44684 51629
55880 53644 83507 11666 01181 11548 33222 69454 33986 79208
03111 25763 61835 29726 35024 61102 30544 86954 24607 35880
= = 412 412 = 30 30 000

6260 kHz, 24-10, 1500 UTC

463 369 369 30 30 = =
99421 01828 25594 34306 19931 26493 48648 13563 16570 05114
73812 43584 61631 28312 04941 41141 60806 10777 14925 43087
92107 40522 63211 08547 10190 11087 97625 75503 89183 09017
= = 369 369 30 30 000

6510 kHz, 25-10, 0705 UTC. Late start. Error in the 1st group

463 482 482 30 30 = =
2108 26108 12778 74155 05246 04684 18699 65587 19346 67734 75870
88581 73653 57978 21779 09788 37926 28557 60289 24993 37636
44865 05357 02202 92053 63606 51637 21822 95659 24203 75814
= = 482 482 30 30 000

5475 kHz, 27-10, 1800 UTC

463 475 475 30 30 = =
44343 07874 97462 14867 53858 61564 02222 33852 59373 84670
22005 08761 98810 03498 44014 94275 58759 63939 68217 79911
98199 15210 31084 90570 96093 11564 08321 01873 52529 95438
= = 475 475 30 30 000

5475 kHz, 29-10, 1800 UTC

463 221 221 30 30 = =
10650 05522 49058 72045 94188 63357 91966 84152 58554 46528
47067 75727 08247 88800 31201 89826 76455 59655 05396 37782
15397 51224 76174 53673 13982 27078 35559 15740 37788 56358
= = 221 221 30 30 000

5020 kHz, 29-10, 2000 UTC

463 442 442 30 30 = =
31317 98675 55462 04397 60343 48559 36974 84126 38897 22956
34387 02675 91289 12752 08764 28581 95856 37393 34119 16784
57788 78795 66187 48658 24287 11163 28764 51693 48349 81578
= 442 442 30 30 000

6260 kHz, 31-10, 1500 UTC

463 324 324 = 30 30 = =
43561 16150 73258 89599 40410 68254 60264 00173 42473 43187
42777 87844 50821 99891 24469 93403 44052 23646 40654 33324
15319 28286 27874 76004 51143 62746 07129 03508 40615 84151
= = 324 324 = 30 30 000
Groups 8,9,11,12 were not repeated

M01a

5329 kHz, 28-10, 1405 UTC, i.p.

111 13025 13025 222 13025 13025 333 13025 13025
333 14806 14806 (11x)
333 14106 14106 (2x)
333 15406 15406 (3x)
333 17206 17206

5329 kHz, 28-10, 1435 UTC

834 834 834 222 17506 17506
834 834 834 333 17506 17506 (5x)

5329 kHz, 28-10, 1510 UTC
333 13045 13045 (4x)

M12

5794/6794/8094 kHz, 02-10/03-10, 2100/2120/2140 UTC

770 770 770 1 169 10 169 10
94765 96323 20863 92698 79759 75691 11425 08292 41766 86743 000 000

14377/13461/12114 kHz, 05-10, 1300/1320/1340 UTC

317 317 317 1 3632 97 3632 97
85859 04792 63902 08161 05322 66612 96294 37482 62637 92421
91062 32523 47672 01968 34334 79052 31302 85570 11158 86907
82748 58714 31009 24644 46256 13756 10974 04827 98427 90065
30452 10176 20143 22358 85465 51987 02192 15342 02154 86995
77576 86706 01306 09111 68838 54826 91939 27334 57382 89084
94878 99191 47547 81003 35866 84019 63076 43150 25410 72803
79941 46119 49004 07873 49501 70668 65971 63562 72056 35479
03169 74933 39422 89387 61145 28937 26968 24374 24139 87837
31593 82706 85550 69849 46545 20846 50653 00039 06215 78532
99433 76130 84241 88929 58459 73388 44517 000 000

9317/10484/11552 kHz, 06-10, 0530/0550/0610 UTC

135 135 135 1 9785 104 9785 104
72261 48925 50583 39674 05465 06480 93672 66845 16730 95942
27279 18511 83015 23867 70223 37065 57057 20871 70637 75678
66265 25045 37965 13533 24059 63846 81389 84305 60427 00076
30246 16778 87587 24167 60477 19879 52082 78817 26617 95645
68409 35464 27073 56669 35994 04308 63313 68098 14274 45881
28052 09468 92487 94846 66778 93249 45595 82892 74309 90395
97324 61373 76964 36429 66928 22778 99280 71349 79164 04765
35099 38132 43584 84166 13032 65387 84015 38297 90915 34215
63194 94673 74264 92330 91197 13989 13120 43175 91559 48375
01815 51212 55771 43959 51570 76693 20129 04965 31949 44745
08780 85018 95280 53581 000 000

10624/11449/12133 kHz, 06-10, 0800/0820/0840 UTC

492 492 492 1 6432 99 6432 99
61769 70757 48282 12290 14578 73536 27560 29698 26505 04483
04283 16982 34395 62579 16207 59428 28705 75738 60874 82649
79791 41107 21799 56338 04182 18569 23020 31891 54766 52879
28268 37969 56515 91486 38422 67517 89766 30347 61195 99507
38015 34031 61791 69841 87910 26563 71443 09502 90920 43279
00198 68813 79404 56251 63812 77705 83762 79567 10375 06985
70762 62970 81854 42876 51689 69062 18848 75036 50858 91720
87110 64976 71358 03377 81411 42199 51853 36641 36379 46368
68042 63095 32070 52815 36964 18727 89403 71327 06688 06563
18114 08300 75827 38943 39535 79173 53186 97352 87229 000 000

14416/13416/12216 kHz, 07-10/09-10/14-10/16-10, 1210/1230/1250 UTC

442 442 442 1 452 56 452 56
03771 69752 34299 10688 39307 99730 87274 69023 02555 40320
86292 97733 34731 76448 89030 76723 88749 38757 46657 39419
63100 57393 41219 34902 50837 63910 19843 24939 27467 57253
99919 08050 92159 17285 98748 17934 45594 14297 06804 54830
33091 33861 03455 90195 88341 65963 54750 55988 68042 74972
80116 68309 38669 11623 07953 07568 000 000

12162/11566/10711 kHz, 07-10, 1710/1730/1750 UTC

546 546 546 1 2972 104 2972 104
02640 52335 99701 30292 35966 03851 80158 73663 22225 10548
41375 42970 14717 98224 03669 12705 97477 66393 44961 84145
37398 15683 25810 39030 34280 53051 71252 24586 10551 95857
84732 84482 75166 02388 94179 29771 05472 23924 70668 58880
61978 42049 87771 20343 72140 87583 31864 95698 93525 92946
55443 39579 67206 78022 64454 47980 58018 87330 90991 20468
02610 01809 50663 76017 05723 54541 33300 31917 78344 84353
50287 55485 66485 27560 57940 12374 11906 30424 87161 14482
08758 80885 31733 46422 13212 86329 77554 24418 22661 60826
40150 75529 17588 56291 02230 96505 88164 66946 68126 57785
98905 28751 19570 35932 000 000

11435/10598/9327 kHz, 07-10, 1810/1830/1850 UTC

938 938 938 1 7508 77 7508 77
03772 44755 51720 52191 24919 49944 69419 71140 25894 09075
58024 64688 54309 66523 40789 75968 58299 78273 24264 72808
43731 41227 04002 62301 74891 97132 47974 10885 66992 83237
48790 95821 69803 25250 54555 14863 55757 60064 62569 67860
21631 92039 56195 12226 25514 39968 35260 48438 38669 91507
45697 65588 03546 94491 27943 49815 13884 79284 92647 02190
46694 66163 76337 74709 92651 01472 17811 56837 18546 28379
55100 10184 51441 97212 05327 16189 18676 000 000

12162/11566/10711 kHz, 08-10, 1700/1720/1740 UTC

546 546 546 1 1110 109 1110 107
27606 78841 96273 73014 53386 30513 15839 59593 22112 31686
03552 94733 63619 38987 87182 31253 24652 89209 11157 96019
52708 22739 72100 16081 35886 66502 61067 06670 52902 89155
25205 03941 67602 62520 50375 16867 64059 18917 67154 86876
64840 21553 45265 16001 72353 78726 57000 16557 93473 14503
15768 40302 34288 65253 41531 47612 23794 99316 03423 51686
52978 00444 64189 06239 71082 16296 21756 03904 95870 62632
88299 41057 37481 47518 77290 13386 90877 38762 92320 10955
86445 16397 17298 39717 59998 53989 13837 26316 75881 10447
23879 86460 76406 89815 75540 01086 58516 84039 51718 00822
21280 77378 66695 81337 39529 57469 93754 36619 00352 000 000

12162/11566/10711 kHz, 08-10, 1800/1820/1840 UTC

546 546 546 1 3847 107 3847 107
51963 44971 61223 11672 60074 36466 11522 42466 84515 29757
15170 11129 80210 56009 86003 15922 38894 60810 31278 82410
69668 45039 61895 91363 47805 73215 81185 41209 19424 13219
78775 80611 12980 43540 78362 43663 30128 93076 45188 80519
87801 85150 53078 01600 02876 27473 47565 52009 42561 14408
73608 59049 01316 87312 70606 87165 73495 01479 61619 28403
31270 67540 87491 67455 73526 54403 92122 61689 25070 87792
54846 05014 23500 56265 50563 12817 87488 54662 11446 90074
25046 49114 77836 48615 19543 46193 12065 37013 52514 42072
13823 29502 88272 56282 78589 94309 15372 83832 42985 70788
70244 28024 75400 34454 27858 58632 87511 000 000

14377/13461/12114 kHz, 08-10, 2000/2020/2040 UTC

317 317 317 22 8322 107 8322 107
97818 83256 62121 03677 55125 02177 50973 02301 59812 83917
49891 45667 51580 53480 70652 56906 62992 52069 46725 34006
59010 42275 76590 21555 32895 02398 16941 72898 39302 81723
28452 21159 18384 06182 02671 49777 95166 22318 60396 46461
10992 92738 33380 67621 83996 99607 75165 95146 94925 26599
69142 80022 05660 71721 15252 33743 33710 83736 84916 38317
18278 17629 43699 68452 44462 66198 40562 40939 17531 58929
53793 63651 46644 48964 68161 79147 76802 12635 03414 40087
79273 61075 72283 87613 12514 24026 68269 83165 91877 81575
74955 53131 21809 90685 45954 03736 08269 19704 42853 72778
75711 14305 15770 38218 92541 27326 75948 000 000

5794/6794/8094 kHz, 09-10/10-10/16-10/17-10, 2100/2120/2140 UTC

770 770 770 1 7936 45 7936 45
26722 07675 85383 81045 29521 84416 47442 13924 64492 60253
01175 51176 25125 15019 21783 33194 31948 19008 53669 75228
58014 65204 11835 83122 72121 47697 48150 50253 13040 23820
25783 47068 19349 38758 98931 85258 11253 92284 81335 82661
32749 97999 10676 65937 70873 000 000

17441/18641/19241 kHz, 11-10, 0800/0820/0840 UTC

462 462 462 1 182 87 182 87
33075 08271 94140 30423 67771 64861 24073 42095 00794 13186
58397 63562 35460 95100 15487 33744 30106 66568 39401 13248
81209 51577 41844 10958 66966 51190 32765 37194 40611 67168
99262 15304 05514 94034 58526 55668 40529 23274 99143 66233
66859 29590 78980 78365 57476 46567 16641 33262 64314 14336
47772 48080 06002 89225 94503 55445 45323 22249 47961 76616
49087 84794 99816 20045 98649 02447 67847 72273 80189 55362
92364 51920 45106 82379 75358 77471 82460 70728 49547 07124
39975 73852 64615 35469 67333 01598 29114 000 000

14377/13461/12114 kHz, 12-10, 1300/1320/1340 UTC

3017 317 317 1 1509 101 1509 101
57598 55304 03302 46564 54216 94359 94319 75726 73893 94338
61731 04339 01715 69105 89396 26286 40073 87909 22435 55746
92389 77768 41564 01077 90112 65040 68817 17276 09325 07785
45077 91153 17251 62383 28316 97962 97296 18148 05634 37708
73852 52807 22533 44290 71902 62962 19874 58660 99066 70300
84701 64826 32175 23887 58690 80244 58964 72868 10406 67303
42425 08892 52370 43538 94206 43623 07100 34613 83832 97692
22923 99350 62652 80276 07409 66977 76601 78970 40006 67204
94922 58927 30583 95645 00562 96333 83837 27485 98797 34176
01753 89392 94589 02200 21795 13699 44663 65299 34456 43807
12064 000 000

10318/9218/8118 kHz, 12-10/15-10, 2000/2020/2040 UTC

178 178 178 1 282 77 282 77
83861 27278 91481 37541 00535 65021 30092 73856 67866 91076
60428 14588 68635 97900 81340 28562 37782 73618 81092 74040
25286 97436 50710 41545 83651 54387 27070 67826 73223 54383
61963 46617 69009 70644 89583 57249 86922 50715 05542 85998
12236 34598 09662 64423 14710 00508 26857 11379 63256 53048
29396 75351 42486 62263 03391 09663 55811 91208 50999 35435
28768 87030 38273 53993 03141 30176 70347 91568 66379 66920
18325 07763 19285 61956 41234 58238 61405 000 000

7464/8164/9364 kHz, 13-10/18-10, 0500/0520/0540 UTC

413 413 413 1 219 44 219 44
22409 09250 70922 92239 10854 23923 69985 45183 89787 58586
06247 59223 00236 90413 33007 21500 76915 61021 86970 43530
80155 28316 07104 87171 74874 57072 31375 83015 57789 87652
78651 26746 10507 66432 78708 04839 69836 67177 93303 30961
19049 96989 10337 84981 000 000

9317/10484/11552 kHz, 13-10, 0530/0550/0610 UTC

135 135 135 1 7712 111 7712 111
60516 31914 79607 58724 32088 16441 89544 73926 02357 84937
54373 20624 76496 74250 18554 18519 76176 36702 77779 37389
42435 69822 35537 15622 16133 41860 34615 52820 48578 11397
80168 80000 41218 89482 86428 31351 37882 23926 41825 35399
27579 16885 76587 73495 49117 68165 77458 51080 65179 76958
01334 26492 34237 92901 52589 98310 08674 64115 87156 12800
56933 75434 42292 48581 50843 71918 70314 39336 09871 64122
37985 48505 66357 48049 55110 62036 39695 90460 44270 45296
73636 76889 17132 79307 43434 12316 09069 92337 31679 72952
42222 39394 52718 15533 46934 27747 92881 77845 09381 04487
06527 82970 62825 34801 48183 52113 72866 26602 47038 70128
65463 000 000

10624/11449/12133 kHz, 13-10, 0800/0820/0840 UTC

492 492 492 1 6487 102 6487 102
88758 97584 79381 07196 61567 79624 15887 99899 97347 40946
86151 62080 90233 20411 09297 88082 60256 43360 68980 85905
45826 83273 82254 98678 86804 19398 29028 01997 01531 46440
09216 77784 90290 91963 88697 61499 54988 36851 34157 08622
37802 13240 63889 50307 23340 37116 74266 86867 03455 05252
04550 93308 31172 11221 91737 89790 85596 28656 42883 82623
93042 87271 05300 86219 34656 63809 62461 44067 46935 88785
20530 56486 49285 80795 35534 64298 86056 56156 79202 54177
70821 64283 04597 88710 29237 33508 23420 77730 13315 34224
77974 88548 38291 79390 10318 85074 90361 53772 82256 21408
40322 63895 000 000

12162/11566/10711 kHz, 14-10, 1710/1730/1750 UTC

546 546 546 1 4059 107 4059 107
52317 99513 90447 16190 20732 86218 68609 99216 60235 88798
98010 45099 36427 04457 23924 17383 99329 78495 48323 96054
43216 58779 71259 43129 19593 39694 57839 56163 90798 26729
54762 48272 62723 93964 72590 02510 71308 00104 74337 63568
96181 39861 22175 48733 91826 28113 77921 00485 02591 53683
85129 88929 58623 52854 43882 75801 91384 25733 10290 25356
24139 57392 29919 35871 05423 30970 12348 40989 41710 11107
76536 70805 47590 06524 25986 88311 29903 57970 42935 66710
56854 16778 97793 58565 36729 05629 20105 50361 89291 74000
70167 99664 60475 95637 45847 34701 55621 18536 63715 75532
28625 22694 51649 04154 09370 18799 78389 000 000

11435/10598/9327 kHz, 14-10, 1810/1830/1850 UTC

338 938 938 1 5145 74 5145 74
23096 66679 71508 52442 75479 02541 34704 45381 20723 82773
55657 69396 40165 34554 08530 68141 74716 87128 52327 18169
47233 69340 87989 93097 62279 74359 76447 92389 93619 73538
78193 15545 15853 12419 79298 25071 49071 85515 46928 35187
48430 86110 54820 24044 67355 00914 74296 65762 23400 98625
84630 74880 87062 12863 77412 32255 23756 37899 16864 42878
70088 09516 41327 40409 33861 18877 14567 22975 32725 02589
48784 41467 21835 96755 000 000

12162/11566/10711 kHz, 15-10, 1700/1720/1740 UTC

546 546 546 1 2721 105 2721 105
36271 86485 82780 52307 95235 81552 50735 17174 11954 64867
91491 84823 71859 75429 70566 85699 33883 46817 78947 02466
10579 86823 27839 32015 16252 80085 51038 27184 78585 90653
72205 48050 75977 06556 51177 21492 84548 29073 47676 29804
34188 51432 34021 39484 16712 85304 32359 42763 14650 06353
24953 77069 97489 00537 02753 69201 11771 82822 72063 30869
01082 07426 75948 70660 72200 71129 61511 01941 18564 13585
33152 88974 86239 59837 60159 96658 35265 20082 11192 55268
25108 31552 22381 23576 58915 58134 43076 84171 15460 97389
19493 36053 40118 81622 81865 04305 75243 48032 13637 13372
70050 91842 93096 97783 01301 000 000

12162/11566/10711 kHz, 15-10, 1800/1820/1840 UTC

546 546 546 1 9007 104 9007 104
23583 28268 51671 46474 74301 31970 03048 20242 19212 14494
12313 89479 08568 21188 43042 71279 97028 70910 35551 34630
02510 72886 67779 28270 12084 88429 25969 72810 42043 58759
51829 71662 97583 18072 09176 91558 01934 17771 55291 66111
78929 60059 66072 78142 41256 46250 29431 11648 16175 94463
75797 65365 97557 62760 52751 79407 92512 72464 68099 31609
77767 58189 71386 72330 37024 71867 63310 14836 81667 44221
17205 97520 40403 37275 23961 20459 29545 90350 49632 86533
72479 87692 82037 44943 34671 36642 65111 05757 14431 19257
36090 26665 11166 31817 97472 80359 43078 04119 38005 93777
90188 62361 22061 81475 000 000

14377/13461/12114 kHz, 15-10, 2000/2020/2040 UTC

317 317 317 1 9647 110 9647 110
84181 21816 61097 21577 53179 67004 89089 16072 34846 87690
26874 53494 41778 70195 50843 04610 80002 20244 82127 26168
86634 18343 06285 40746 77757 29560 33022 24660 47804 19273
19601 09062 22649 65062 93141 09615 36838 46012 33048 10317
69543 78281 02908 54355 95948 62650 95549 31390 54291 03053
76857 00157 41671 57515 40440 52928 22122 37968 39815 37486
38908 61451 70874 20457 88821 42286 78065 43136 22450 20073
33907 49683 48583 90129 88085 53318 31542 48980 46291 37511
28874 52052 16500 23069 00314 26062 77205 52707 18468 81298
96910 25622 92324 33444 05087 25736 13082 08093 95488 94115
46748 46048 68360 51504 53505 41108 73681 46598 48607 02772
000 000

14377/13461/12114 kHz, 19-10, 1300/1320/1340 UTC

317 317 317 1 7737 102 7737 102
92416 49717 48816 06325 05334 06400 49188 47325 62235 19502
67936 39066 74613 46032 22078 83983 11483 60814 57667 16000
49270 46147 00234 50786 48886 55307 22878 29689 98334 54322
18246 50314 82175 81452 63986 65441 02185 40412 15530 76586
30795 88370 06994 51321 77221 07689 99578 04226 56712 45594
63368 67585 12570 10213 18166 10196 41733 55992 28364 31901
33453 72707 56610 95245 51291 25412 00083 07196 38826 62254
88556 10441 27586 55770 23272 63034 92864 15521 92784 52051
15452 45729 70101 98935 99550 06436 33522 47349 57223 90774
63691 19852 81465 44976 15549 17320 98789 07500 59710 43669
41903 17199 000 000

17429/16229/15929 kHz, 19-10, 0010/0030/0050 UTC

429 429 429 1 816 166 816 166
39205 89232 22528 67603 68006 14821 84915 85792 73868 61927
20098 18283 85468 52447 60798 93239 96916 82004 36857 13430
73727 52217 50344 18914 45776 20299 36408 42900 34144 02978
56500 06660 44065 86896 43142 81000 29241 11687 26269 75953
82515 92705 51273 18501 80471 43601 68063 22346 39077 03389
35391 02261 74897 64723 59620 55507 58501 31535 29169 95742
22765 42561 86432 65841 82672 68372 49584 76200 03070 19185
56605 24728 28962 79430 13268 57075 04112 26311 23197 70077
44213 64787 44367 56176 03256 02350 66195 42670 20085 50697
14562 68455 36409 12459 11181 58291 26634 40846 26715 17367
89777 39670 36639 22645 57214 26395 24234 74195 01703 48561
30555 38681 05924 15341 64729 23619 05888 36517 92527 42578
89450 62554 79944 87759 38735 48152 68255 19196 03428 96182
37091 61578 43720 33698 59181 55895 21672 65737 41204 05602
18577 36749 21620 04028 15802 64803 37119 93854 80798 41888
34700 40310 79595 88491 45077 77028 22376 26679 59995 10887
50648 28234 59908 06446 47459 88667 000 000

6837/8037/9237 kHz, 20-10/22-10, 0030/0050/0110 UTC

802 802 802 1 9243 65 9243 65
33363 78827 74987 92284 71706 56380 56254 55975 52158 55198
29669 37870 95826 96378 85101 38015 68327 69492 10466 17828
21878 94882 11864 11275 96107 14175 41316 79944 96097 92382
69021 18515 53385 55553 94813 42303 86281 30822 89232 34358
25589 90374 75126 96779 46388 00820 92021 88594 99506 08824
57633 95439 74818 87758 32105 13468 52242 89170 98890 47584
14026 38609 43545 74463 41192 000 000

16218/15918/14518 kHz, 20-10, 0100/0120/0140 UTC

285 285 295 1 432 180 432 180
43430 31226 40998 03473 65775 94589 83454 32343 38683 59396
25902 07594 31198 76662 69295 80564 62258 87518 66562 67759
93298 72505 05552 72449 02015 68267 65489 20031 22358 80248
56650 76703 17370 32697 40514 70284 21015 62145 56360 98419
96116 74440 44324 69520 76577 88416 61419 34529 92886 14117
82679 97487 66886 48927 50385 79641 85138 22720 26685 50051
91105 90116 54462 16306 34496 20282 64365 45174 39024 90285
92264 17465 29568 97972 65395 30034 84140 40763 91713 98897
69452 07443 45619 17743 22332 80448 13519 06505 39122 39854
56347 62625 89451 33865 51309 68840 23603 91892 59924 50256
99803 23784 99395 79693 62498 35733 45605 81821 73729 63665
31864 67293 68751 77396 05443 36706 23408 51930 76665 30427
32049 27159 71669 80918 20447 84312 77822 72483 53192 75041
11349 39673 48092 96963 62143 35034 18077 89708 90996 43075
04377 88584 43045 35404 24024 14781 47778 40283 72489 16853
97287 12775 61740 86602 37461 96135 56065 90402 10798 74714
89916 13741 63433 15103 09179 47764 42152 60279 85304 43226
23615 97824 42392 09108 94252 58998 55468 07422 93037 91696
000 000

14416/13416/12216 kHz, 21-10/23-10, 1210/1230/1250 UTC

442 442 442 1 7276 45 7276 45
78845 69894 22654 71249 11729 91537 77582 61024 36084 41817
20293 41292 00419 93868 76315 03099 99614 72429 48993 34547
46585 47140 40450 16445 87191 45839 41114 31152 10588 16866
91224 50323 89386 79335 10092 10597 92408 01291 06116 12998
34593 31042 05158 31214 74455
000 000

12162/11566/10711 kHz, 21-10, 1710/1730/1750 UTC

546 546 546 1 3667 113 3667 113
58651 39157 28796 32806 00475 19271 91333 36995 59328 51537
36108 64899 36330 15453 72940 16199 03907 39247 87092 85047
06000 16607 92908 97355 12074 02981 56719 42906 63268 57912
12486 76359 97492 25814 68389 80388 22809 32851 89307 89346
09875 28597 72477 79398 96295 75310 96927 33047 46973 64520
95456 47818 75368 02194 38914 36429 29010 32463 24959 83083
33686 16213 72216 75285 78557 89325 96536 93149 70326 32791
30235 47008 12953 06956 44787 75294 61301 84271 12067 40795
73127 93358 94162 99934 64145 23003 68237 30032 50691 60348
50358 21774 63221 11899 98619 68228 29527 54744 13386 17380
51458 74152 49492 67045 64547 65757 84423 05040 12110 28369
37823 07982 26683 000 000

11435/10598/9327 kHz, 21-10, 1810/1830/1850 UTC

938 938 938 1 8713 78 8713 78
37684 72826 56247 14066 62813 53213 38833 02761 60728 70428
76102 08448 40782 78817 87359 55625 49036 77713 17277 63891
91249 92506 51194 49315 00776 15573 26616 26637 41748 95233
69731 84587 47773 Z4031 73941 93396 62246 39308 81762 63009
45925 39322 50511 14310 91952 65314 53201 13093 E5082 76641
20800 25499 75176 18500 74385 30125 09902 54298 59005 84320
90533 76046 13248 76150 76514 84327 97915 93565 93736 26617
22813 34494 32877 44089 41491 48242 17244 69772 000 000

10936/9336/8136 kHz, 21-10/24-10, 2210/2230/2250 UTC

931 931 931 1 187 198 187 198
00743 11076 85608 11630 00404 19957 66401 79513 70411 62348
55851 59555 85435 60087 25981 75795 75868 10634 01832 89177
89974 92682 48824 28509 76524 40307 62672 92780 59810 06271
56774 30784 81668 25143 74273 74506 01190 97969 52030 51201
14436 58572 85426 36787 16107 11893 79395 41280 18412 31999
15480 92384 67070 00622 42685 25443 37707 60479 31567 04466
11559 35410 67993 70786 55564 81272 64828 05238 11300 94021
23508 04029 29488 39915 81268 95861 36401 25101 57991 39938
63939 94014 54350 76322 69730 71325 88858 37996 96619 53066
75759 41682 94003 96187 38882 96401 75221 88880 44081 73790
13617 40432 77397 52912 21655 63766 40813 21925 60119 83565
82924 44326 32327 10858 20155 40179 87331 92473 39762 76507
57025 06585 22592 88939 79284 21731 34662 94978 10662 86993
22741 69126 93046 72060 71699 57308 06482 50735 30750 63143
74418 08929 96633 12947 82188 98784 34725 18877 04738 83867
72679 29881 92940 80584 85224 56486 41370 62158 71255 75562
71487 94515 91332 32209 25813 35216 12694 17702 08610 80181
25360 57663 16551 92352 68253 06145 48336 65944 45662 36905
06442 95070 99945 48740 77890 53246 94193 45600 62015 39135
77946 75580 52179 29885 67215 69293 02327 48905 000 000

12162/11566/10711 kHz, 22-10, 1700/1720/1740 UTC

546 546 546 1 3109 108 3109 108
27753 24365 54640 11342 61951 90161 06449 94358 67915 97933
99607 18234 13754 89241 67755 81792 11831 00367 11017 30466
95426 22158 00212 05334 86579 46571 87132 66569 89777 19896
86028 39732 56340 38996 49746 98708 58613 16948 69143 15374
29922 89669 42646 70118 69400 47314 34956 68484 20353 32776
13297 24928 05515 02180 96265 65966 10553 92083 18103 74293
11876 40530 75356 90076 71258 04228 13924 02888 86786 64544
64436 99385 08348 35116 72197 13482 68781 69665 19928 93292
13486 43554 54469 11421 48554 72908 81561 24927 33119 65326
88078 28838 23476 49857 71257 07368 29649 91778 45535 09454
77859 66498 54156 26076 31062 16997 12820 50142 000 000

12162/11566/10711 kHz, 22-10, 1800/1820/1840 UTC

546 546 546 1 2180 111 2180 111
52062 78892 69909 48782 17403 86262 05177 99845 49560 36113
71836 78023 06162 17139 59337 12700 14035 86819 19605 88838
65828 78554 50022 55814 49037 53278 33313 66857 01264 09389
39793 65542 36761 27885 96334 36397 60385 35377 11434 33552
20430 76350 01565 33917 63114 71090 91864 55977 72877 95770
04476 99393 56440 93820 73230 35344 24280 56105 52042 08368
66472 72062 35840 13544 22774 52710 51768 59563 36481 03531
63915 38737 44966 28265 28811 57964 26403 22504 71298 87829
11988 84790 59184 70923 93127 05923 29662 07514 84508 70341
77689 80708 24561 62464 05875 57130 02515 03874 09432 49882
45790 29834 09407 08311 34614 00550 59215 45502 04434 15452
55768 000 000

14377/13461/12114 kHz, 22-10, 2000/2020/2040 UTC

317 317 317 1 6206 106 6206 106
10305 71353 14137 10909 12037 73375 52397 14882 28428 69007
07864 89928 38697 81156 61187 28851 73295 74659 14508 42449
47540 86091 01410 05649 35654 26093 03356 08897 14639 90408
85956 91997 15061 67840 17840 98364 21004 54897 89815 54013
21996 17266 07245 05925 18961 28522 58132 01043 72126 16464
04851 31384 22941 26924 84588 97690 64972 00528 98290 52704
46116 69971 65387 82221 20735 92583 79555 02805 10802 35322
20591 48857 43044 69737 54169 11601 48350 74630 14231 79465
47046 79890 32733 50537 23426 12741 17057 67893 75637 96805
74193 13784 51388 61266 81509 66157 53794 66025 39047 62841
74147 59006 42209 14431 90902 81122 000 000

14377/13461/12114 kHz, 26-10, 1300/1320/1340 UTC

317 317 317 1 3435 99 3435 99
74704 84161 43397 09152 24375 43945 44837 73335 60050 91808
51622 20050 54607 95920 76795 14865 24860 28514 62839 14980
41591 84670 72397 16094 10874 57394 74961 18851 72816 48868
44039 43755 11723 22786 27477 81710 79609 34576 70290 65673
10906 69360 26658 14629 87018 15561 35979 69643 31964 14709
19385 40724 14646 76962 17195 77376 77479 42115 51491 94496
54187 37328 66957 40851 55816 03176 22311 36505 78838 91827
96981 96017 05565 32843 74894 66427 85806 63591 75335 12274
62389 47934 21748 56599 06926 21543 44680 51012 83248 58840
46283 03127 31509 84943 36470 74430 32138 81840 10749 000 000

10318/9218/8118 kHz, 26-10/29-10, 2000/2020/2040 UTC

178 178 178 1 195 62 195 62
26103 85692 81200 54740 22224 42162 35412 32155 13978 60990
88325 86915 10139 47330 59815 69591 71658 86757 96967 01417
83065 10582 68512 94747 54129 12194 59612 41682 37310 26229
49277 95656 18411 48452 08294 80041 62120 24711 94007 18727
69570 93027 79335 50794 10474 88802 11735 53778 34598 53914
06681 43108 72674 12962 47320 11646 96563 77219 75100 15904
07738 07271 000 000

8164/6964/5764 kHz, 26-10/29-10, 2110/2130/2150 UTC

197 197 197 1 170 37 170 37
83489 00735 24485 34260 12495 12209 30709 17706 95872 12764
70697 22045 44036 61072 44860 70343 19020 51633 63501 55709
91307 07410 53676 98847 87377 47890 31281 83589 48141 49625
87186 14357 42354 57771 16494 64270 36958 000 000

17429/16229/15929 kHz, 27-10, 0010/0030/0050 UTC

429 429 429 1 1047 200 1047 200
33035 74421 54141 46710 81082 36241 04343 14094 57045 96282
69051 25015 05001 43964 61067 61636 54960 32093 41124 45898
24075 29781 76247 88657 06926 86583 97247 52681 52451 06918
10065 03910 97435 25557 84395 86511 95846 01505 06001 64955
56490 44217 67023 09313 23642 71267 51537 63094 78800 82358
73947 28575 93003 95372 34628 51891 15584 38914 63332 85129
59113 10678 09647 62967 09884 30781 19890 20796 69849 19814
70857 52664 53730 31643 01414 12234 07502 05757 30600 09032
37705 84284 92455 20704 24627 27914 70317 33937 73965 25033
28103 13377 83005 11607 26377 05781 02257 62118 36366 79740
64609 87584 03290 51216 38485 30920 29758 04334 81655 67273
20436 89712 98557 03277 82549 34475 22890 28440 57260 27307
23181 91637 17625 44891 35689 32541 79636 30140 56123 65182
37125 25471 70510 21674 28947 91020 59532 44510 34199 12190
12365 66640 10997 95620 38148 66863 94709 98798 20947 72815
72102 06461 53777 94759 77566 40121 88079 42216 46366 38042
72560 70698 94107 54156 56556 72167 92938 15340 02537 15557
28587 66313 85366 61855 49280 69781 93311 43574 83611 11161
59569 44925 73360 04837 08731 90850 96107 91538 97082 05482
13732 45734 41825 33887 22752 58786 86384 58466 20659 32266
000 000

16218/15918/14518 kHz, 27-10, 0100/0120/0140 UTC

295 295 295 1 8472 188 8472 188
76515 19713 06222 47438 76915 52807 39306 86508 13530 11508
48282 52955 68262 28325 52560 44387 69336 61490 50555 63130
10579 45895 45360 54030 01971 30344 00581 95634 89445 58601
87825 92463 46833 86091 56347 80516 66430 04937 05386 32769
40634 42583 40549 65813 72906 98861 29203 97096 27277 19266
33969 21731 33079 78857 38826 93187 74952 44002 74239 10487
92425 12784 05193 72790 44885 29001 12814 82683 29367 10112
83195 14418 13962 40660 16241 95846 13679 55565 78441 08775
80534 69275 52914 20924 61882 46306 03792 97745 64984 23804
64378 15384 98166 60592 92567 87031 56824 73312 22676 38452
15232 64608 03592 66315 21568 96585 84134 86169 15719 62621
12011 42652 10782 09880 51052 79939 76472 09419 35033 73408
40513 69206 54251 56146 25138 83628 59547 38900 92689 50510
11487 96406 14780 45425 62555 99883 26223 15392 81333 26829
43588 76216 50524 63512 89448 27837 98316 67388 85060 27063
35251 40406 39575 05657 08291 76013 13389 53189 38902 18959
54434 44806 06791 31098 98680 79462 54414 83744 11076 96869
06965 68955 06020 67465 78821 36867 95010 00231 04695 71613
46071 19813 69707 07989 17844 22756 15517 59568 000 000

9317/10484/11552 kHz, 27-10, 0530/0550/0610 UTC

135 135 135 1 4723 104 4723 104
53057 83266 94816 70909 06702 73157 85385 01804 45705 44779
67359 90030 42787 40955 51954 58147 26461 11886 01509 27821
45113 48704 08567 87176 32095 36861 79833 74226 23745 16921
56168 14269 79186 09120 35803 95633 77646 18252 22539 21875
14618 97128 57832 03725 27607 09511 76882 21466 47066 54218
94623 48537 01910 88009 99050 47932 67421 30647 35096 27868
63119 93128 79100 26697 82535 49187 68356 35232 98450 43993
51989 37864 02341 85646 73277 98920 09241 58463 56692 75941
87526 18210 57653 09826 01001 17340 38501 34089 76358 70151
76771 77405 44716 61530 69029 37423 05832 60883 60925 29281
64855 86488 02174 95480 000 000

17441/18641/19241 kHz, 28-10, 0800/0820/0840 UTC

462 462 462 1 525 121 525 121
04065 11259 03748 11972 17907 53012 36064 98122 72615 81104
92063 96839 82801 39437 34808 74544 67741 18590 37875 89325
24957 69975 63689 68018 18689 24990 52554 96337 12026 36506
09110 86424 68811 84419 86351 07997 64367 78294 52809 21366
84669 22194 83369 38059 63515 83880 20729 68563 12966 86031
65880 12079 10590 43959 75754 64786 85280 86181 11676 48260
16448 97666 20998 69691 79117 03799 04258 40568 75440 21433
66957 76853 13877 85552 96707 62373 03624 93348 06312 24443
89679 19617 31064 91421 39881 87354 50737 49407 03856 80195
49421 69941 28733 21767 08105 32626 50119 61426 06592 21745
61086 60482 54453 73005 32089 75994 07814 60559 74016 23916
64716 71779 71316 66534 01168 72793 92678 19342 53460 58730
73757 000 000

12162/11566/10711 kHz, 28-10, 1710/1730/1750 UTC

546 546 546 1 8764 112 8764 112
18207 91215 81535 23850 71468 81284 25897 32991 91634 31609
76201 93619 89362 33652 94831 55115 75297 96288 95703 08901
95779 27985 32562 27486 05762 46891 76095 13495 93925 70181
23140 47455 68978 61500 92537 65515 35088 35691 48838 04148
55071 08763 82301 18095 15696 04147 24039 85268 47952 25817
13196 98011 57291 31003 66410 36074 45975 92160 94052 65048
05880 59982 38276 97431 19393 15993 86683 97060 03336 12382
90627 01859 90044 72336 17721 86032 91064 89313 89470 92999
88910 12309 41430 79395 88207 33022 57033 02853 55329 74162
08031 05938 91183 60009 50850 25010 70491 67623 42463 44482
73167 90439 45831 87266 94874 36126 70183 39722 62238 94055
62712 25313 000 000

11435/10598/9327 kHz, 28-10, 1810/1830/1850 UTC

938 938 938 1 7760 77 7760 77
36536 85413 59414 84506 64067 07790 67649 54820 96642 36066
90571 96955 07507 82918 46306 07644 47121 62930 94269 11564
06872 27401 10511 26291 53519 93605 81904 89398 87828 89157
58658 70673 90452 01462 22302 74220 92029 04317 72669 73208
75424 25630 27364 60161 57395 06704 42243 48786 57004 98913
71692 91474 68686 05930 82395 76245 17577 25223 23030 71244
49514 57734 29912 92913 42697 41097 64701 21322 48971 24800
42110 12640 37758 82900 79698 63885 02983 000 000

10936/9336/8136 kHz, 28-10/31-10, 2210/2230/2250 UTC

931 931 931 1 5628 210 5628 210
26936 20198 89745 25393 89706 97354 97017 35425 66742 31109
29052 98219 28318 63259 02592 86808 38083 33745 58036 87744
36432 20181 49600 90919 01602 07834 34017 40039 19242 21992
40550 23126 15883 14176 48041 85866 71266 10947 48851 16021
79252 41711 96134 75683 39517 27957 61068 19511 97683 09959
96623 42230 20486 41219 66804 94347 10508 99083 43272 99039
85131 09002 34689 03699 37215 13788 11289 53329 31462 04055
69018 45384 32387 07723 72192 78585 96355 25334 13465 34204
75498 99033 79525 30343 02581 99459 72825 30801 93432 79333
35500 58635 17081 45721 53807 42644 30132 54311 91353 39250
45586 10992 46040 05051 66010 75422 13995 00734 64918 86526
91080 46150 05806 50508 97788 80229 16943 19709 64585 64468
44037 36445 39690 84066 90454 44915 90000 18617 15092 84814
13524 12423 03645 84504 98511 36827 37310 83074 67919 78832
24739 77311 42987 00613 33517 80623 15462 87643 92186 17992
63049 99813 22024 66582 49099 10229 79504 57559 70246 97339
78773 67905 42599 98802 96997 14407 13515 58388 91101 17604
76796 25399 46022 47056 32095 98265 77247 10572 35034 28637
95485 97478 45871 52831 51303 74918 00540 63834 97336 66078
95268 07166 50156 55323 05980 17605 73863 69918 99168 30073
99653 91657 82029 93297 96917 82426 81878 10852 72989 43120
000 000

12162/11566/10711 kHz, 29-10, 1700/1720/1740 UTC

546 546 546 1 3641 106 3641 106
10535 06028 82936 32690 46396 42427 62174 31943 12141 46064
96938 47670 82852 61292 22159 25871 81777 92889 64235 83525
33142 65336 98952 65083 32406 70790 89628 50350 48410 75719
33791 08174 67338 92676 61589 47298 22607 42607 69503 64130
58042 17907 36192 30253 76590 66442 96892 32185 63634 07589
52503 93046 42477 67268 09406 49259 81646 70853 02711 38867
25808 67539 90447 36919 69637 81292 51687 22660 05464 97347
78660 39520 54613 74664 19319 14987 07815 74973 36354 69326
51606 74569 89649 76456 34831 35863 10622 81757 28374 30957
04763 03392 16937 83421 68883 41087 36283 73092 57826 59996
05641 15928 92518 44000 42505 89628 000 000

12162/11566/10711 kHz, 29-10, 1800/1820/1840 UTC

546 546 546 1 6763 106 6763 106
25367 28014 37743 49883 48666 62004 08298 65723 26711 27498
63468 49601 07073 45757 92551 70443 87127 74604 78612 46076
70828 48941 34163 26896 09609 05426 10685 79933 95190 26070
88016 83728 83679 37305 37467 47607 35628 39517 41654 58307
52926 13431 06754 27486 31231 20912 63631 06467 95206 73101
74433 30513 14205 60433 63817 89163 98895 18308 91225 52149
79875 45364 39874 26253 87343 50552 67766 99040 65655 02583
89501 95430 30748 51204 35857 20792 24723 62646 35747 58279
90430 31039 98407 83402 35731 77371 47093 20329 41357 51668
23156 33022 57215 17564 89117 11266 61799 05430 99193 68105
75919 21084 11466 40324 63265 88270 000 000

4730 kHz, 03-10, 0800 UTC / 4650 kHz, 03-10, 0900 UTC

523 191 191 32 32 = =
16432 76541 81490 62311 72985 76598 45631 67854 65419 78648
76505 54271 65390 72549 67538 65345 67431 67543 98732 48329
34731 83857 73981 65392 64231 23612 72456 72319 74274 72435
76345 63190
= = 191 191 32 32 00000

4730 kHz, 10-10, 0800 UTC / 4650 kHz, 10-10, 0900 UTC

523 153 153 31 31 = =
67563 89786 18952 96780 10096 33720 64722 60835 37118 48298
11262 84624 06371 38033 28549 38476 26640 38361 48910 00621
36206 54751 29850 37642 60908 14432 74012 89256 87451 09125
73598
= = 153 153 31 31 00000

5937 kHz, 13-10, 1820 UTC

346 (no preamble)
63718 26734 84662 00634 16372 63722 93871 36644 19135 96842
33720 64722 60835 37118 48298 11262 84624 06371 38033 28549
38476 26640 38361 48910 00621 36206 54751 29850 37642 60908
= = 516 516 30 30 00000

5462 kHz, 14-10, 1920 UTC

537 516 516 30 30 = =
63718 26734 84662 00634 16372 63722 93871 36644 19135 96842
33720 64722 60835 37118 48298 11262 84624 06371 38033 28549
38476 26640 38361 48910 00621 36206 54751 29850 37642 60908
= = 516 516 30 30 00000

4730 kHz, 17-10, 0800 UTC / 4650 kHz, 17-10, 0900 UTC

523 586 586 30 30 = =
30859 27712 46500 27612 33529 18395 22408 48615 44761 24513
00794 62731 36380 63451 86090 27719 39851 22070 38571 29393
03862 57693 25480 37564 85729 47521 49063 27679 79390 37648
= = 586 586 30 30 00000

4730 kHz, 24-10, 0800 UTC / 4650 kHz, 24-10, 0900 UTC

523 372 372 30 30 = =
09043 64812 37447 12165 48924 74730 38120 33881 04840 28491
39630 18473 40924 11848 38652 29847 38610 28381 09695 28400
24310 48398 30612 46510 38909 26464 74819 00774 28656 95287
= = 372 372 30 30 00000

6792 kHz, 27-10, 1522 UTC, i.p.

22583 27016 26051 76495 84669 28386 01537 66940 51089 77068
55894 33577 59219 95862 57681 67030 76316 66734 20118 25364
27540 64671 39015 67986 85224 92808 37650 21295
= = 452 452 36 36 00000

5947 kHz, 27-10, 1820 UTC

346 731 731 32 32 = =
56123 89675 06753 12321 45643 67453 88001 51278 90984 67332
72312 32174 79619 24161 84017 28630 56535 06406 10095 01049
86754 28384 90562 11134 88895 99981 21232 67499 09092 56789
10123 73104
= = 731 731 32 32 00000

5463 kHz, 28-10, 1920 UTC

537 731 731 32 32 = =
56123 89675 06753 12321 45643 67453 88001 51278 90984 67332
72312 32174 79619 24161 84017 28630 56535 06406 10095 01049
86754 28384 90562 11134 88895 99981 21232 67499 09092 56789
10123 73104
= = 731 731 32 32 00000

4730 kHz, 31-10, 0800 UTC

4650 kHz, 31-10, 0900 UTC. No transmission

523 309 309 30 30 = =
89597 82011 91832 51925 25146 19399 86950 34557 63693 71125
43067 03360 06010 28771 40848 82193 44756 90930 04061 39109
55797 29058 32259 75601 63103 01150 46211 20959 35455 97996
= = 309 309 30 30 00000 7

M21 - Russian Air Defense Forces (Во́йска ПВО Voyska PVO)

5732.5 kHz, 02-10, 2025 UTC

=992325??8?????
=992326??8?????
=992327??8?????

4639.5 kHz, 31-10, 0935 UTC

=991235??0?????
=17099716159436
=17099716159436
=991237??0?????
=991238??0?????
=17099716159938
=17099716159938
=99137??0??????
=991240??0?????
=17099716158754
=17099716158740
=991241??0?????
=991242??0?????
=17099716158642
=17099716158642
=991243??0?????
=17099716158743
=17099716158743
=991244??0?????
=17099716158744
=17099716158744

4639.5 kHz, 31-10, 1321 UTC

=991621??0?????
=991622??0?????
=991623??0?????

4639.5 kHz, 31-10, 0900 UTC

=17099716154800
=991201??0?????
=991202??0?????
=17099716159402
=17099716159402
=991203??0?????
=991204??0?????
=17099716159904
=991205??0?????
=991206??0?????
=17099716159705
=991207??0?????
=17099716158508
=17099716159508
=991209??0?????
=17099716158610
=17099716158610
=991211??0?????
=17099715158711
=991212??0?????
=2709990????0
=2709990????02
=991213??0?????

5732.5 kHz, 31-10, 1334 UTC

=991634??8?????
=991635??8?????
=991636??8?????

M22

6607 kHz, 02-10, 1637 UTC, i.p.

AA GR 04 = =
PHPKA FCZGE UCIWX SEQJH SZSHF BEEGQ UOZRD DCHTP HTWYS LZFWF
YPUHE YSFWP XLNAP EJIJG XMSRH RZDHB BDUZQ QKFGP YOYIF HOZBP
IQXYH HCQEZ GPJEJ ZDERH ISFKN RQCJK FKYTX MHDMJ KDXGA RCPLF
FIWBQ SPBSI QUKFL BTGLT MUYGM ONWXW PPBWX JHDQE DWMNO TEKBB = =

AA GR 08 = =
KNMMH RAQIO QEGEI MXUWY RMMIS LKLMJ JKZTL QEGMP ZAMXM KHHWX
FUZRQ HSTMR PNXRY DULDR MQQRX QFYXX XYWHE WDDLE AOKII WPXKX
DQAQW GEKYL IGHXP PSGMB IYCRM GCHMY BEGOD TDJYE WGCXM EGTYF
OLFFX OJENR LYWMC HKSIX NLPTM PBIQO KQABL SANXI UTXRA PBFZJ = =

AA GR 021 = =
XLNXP = = NR 52 DB V LW3S 530 120 EFOU GR 121 = =
EUEUE XSNXP OISOL SRIHS EDTNG IDBRG WJXNJ PUFJK DRNSK NSBXK
BKTFX BBGNZ CIFHP TLDBW CTADU HYFXI CDIWE KATIF KIUAF ROGBJ
YDCMY JMQAO ZWTFM EIJQY BACCM PNNKO USISF BLUYM BCQCR YUPNA
GGJRD KNHTG HWMNZ SICNE APBDW HEYLG BARRT ITFST ISUXB EJKLJ = =

AA GR 04 = =
PHPKA FCZGE UCIWX SEQJH SZSHF BEEGQ UOZRD DCHTP HTWYS LZFWF
YPUHE YSFWP XLNAP EJIJG XMSRH RZDHB BDUZQ QKFGP YOYIF HOZBP
IQXYH HCQEZ GPJEJ ZDERH ISFKN RQCJK FKYTX MHDMJ KDXGA RCPLF
FIWBQ SPBSI QUKFL BTGLT MUYGM ONWXW PPBWJ JHDQE DWMNO TEKBB = =

AA GR 08 = =
KNNMH RAQIO QEGEI MXUWY RMMIS LKLMJ JKZTL QEGMP ZAMXM KHHXW
FUZRQ HSTMR PNXYR DULDR MQRX QFYFY XYWHE WDDLE AOKII WPXKX
DQAQW GEKYL IGHXP PSGMB IYCRM GCHMY BEGOD TDJYE WGCXM EGYF
OLFFX OJENR LYWMC HKSIC NLPTM PBIQO KQABL SANXI UTXRA PBFZJ = =

AA GR 021 = =
XLNXP = = NR 52 DB V LW3S 530 120 EFOU GR 121 = =
AR AR
VVV DE 4XZ 4XZ = =

6607 kHz, 26-10, 1745 UTC, i.p.

VVV DE 4XZ 4XZ = = AR

NW QTC NR 346 DE =
NR 346 JU V QA4T 616162 RZ6H GR 95 ==
UTUTU AUZNX UBNKT KDGOM ZFGLI LWTUF UJEKF OLFJH PUTJH LIKKI
QFRAN TNIAU AKGNH XXDFH FMKLD GCCXM DDNIP PDKSD ZLKIS YTKZF
HZWSD JBOFR KINCL RPWQY QWGAX AGRJI PRIDA FEBYQ DJGPQ ZJCKT
GTLTZ NGIAZ BQCKO TJEIM EEHKS SPAOP NMTWQ NGSEL UBYJX AJRMM = =

AA GR 04 = =
ARPSY GPRES YBSJE UUCSK FTTGW WXBKI ABJOX MTRAW JTKEO OPKIB
RAYMX UDMTD AWEAX OUDKP MOMUN WLBPM BSTNE GHPKT AUZNX = =

NR 346 JU V QA4T 616162 RZ6H GR 95 = =
UTUTU AUZNX UBNKT KDGOM ZFGLI LWGUF UJEKF OLFJH PUTJH LIKKI
QFRAN TNIAU AKGNH XXDFH FMKLD GCCXM DDNIP PDKSD ZLKIS YTKZF
HZWSD JBOFR KINCL RPWQY QWGAX AGRJI PRIDA FEBYQ DJGPQ ZJCKT
GTLTZ NGIAZ BQCKO TJEIM EEHKS SPAQP NMTWQ NGSEL UBYJX AJRMM = =

AA GR 04 = =
ARPSY GPRES YBSJE UUCSK FTTGW WXBKI ABJOX MTRAW JTKEO OPKIB
RAYMX UDMTD AWEAX OUDKP MOMUN WLBPM BSTNE GHPKT AUZNX = =

NR 346 JU V QA4T 616162 RZ6H GR 95 = =

AR AR

VVV DE 4XZ 4XZ = =

M23

M23 is using new callsigns. After many years of 3-dig calls they now are using 3-character callsigns, both letters and digits.

[OTE recording](#) [ST3 recording](#) [SET recording](#) [3OS recording](#)

10184 kHz, 25-10, 0802 UTC OTE (R26) i.p.

10184 kHz, 26-10, 0758 UTC OTE (R30)

10184 kHz, 27-10, 0758 UTC OTE (R30)

10184 kHz, 28-10, 0758 UTC OTE (R30)

10184 kHz, 29-10, 0758 UTC OTE (R30)

10184 kHz, 26-10, 0858 UTC ST3 (R20)

10184 kHz, 27-10, 0858 UTC ST3 (R20)

10184 kHz, 28-10, 0858 UTC ST3 (R20)

10184 kHz, 29-10, 0858 UTC ST3 (R20)

8166 kHz, 19-10, 1610 UTC	SET i.p.	5345 kHz, 20-10, 1915 UTC	3OS i.p.
8166 kHz, 21-10, 1545 UTC	SET	5345 kHz, 21-10, 1817 UTC	3OS (R15)
8166 kHz, 22-10, 1545 UTC	SET (R28)	5345 kHz, 21-10, 1857 UTC	3OS (R15)
8166 kHz, 22-10, 1627 UTC	SET (R28)	5345 kHz, 22-10, 1817 UTC	3OS (R15)
8166 kHz, 23-10, 1542 UTC	SET (R30)	5345 kHz, 22-10, 1857 UTC	3OS (R15)
8166 kHz, 23-10, 1627 UTC	SET (R30)	5345 kHz, 23-10, 1817 UTC	3OS (R15)
8166 kHz, 24-10, 1543 UTC	SET (R30)	5345 kHz, 23-10, 1858 UTC	3OS (R17)
8166 kHz, 24-10, 1628 UTC	SET (R30)	5345 kHz, 24-10, 1817 UTC	3OS (R15)
8166 kHz, 25-10, 1543 UTC	SET (R30)	5345 kHz, 24-10, 1857 UTC	3OS (R15)
8166 kHz, 25-10, 1627 UTC	SET (R30)	5345 kHz, 25-10, 1817 UTC	3OS (R15)
8166 kHz, 26-10, 1543 UTC	SET (R30)	5345 kHz, 25-10, 1857 UTC	3OS (R15)
8166 kHz, 26-10, 1628 UTC	SET (R30)	5345 kHz, 26-10, 1813 UTC	3OS (R15)
8166 kHz, 27-10, 1543 UTC	SET (R30)	5345 kHz, 26-10, 1858 UTC	3OS (R15)
8166 kHz, 27-10, 1628 UTC	SET (R30)	5345 kHz, 27-10, 1818 UTC	3OS (R15)
8166 kHz, 28-10, 1543 UTC	SET (R30)	5345 kHz, 27-10, 1858 UTC	3OS (R15)
8166 kHz, 28-10, 1628 UTC	SET (R30)	5345 kHz, 28-10, 1818 UTC	3OS (R15)
		5345 kHz, 28-10, 1858 UTC	3OS (R15)

M51a / M51b

M51b: 3881//6825 kHz, 30-10, 1347 UTC, i.p.

Non-stop 5-character groups composed of M51a messages.

The spaces between the messages were not transmitted but entered afterwards.

CNDJE QATLD BVCNE ZMALO OWLPS SHDYE BNNXM AKQIU KFJEI 23658
VCSBS .?,AS VA IW0EJ VXFSR AHQUS VDGWT SHGYW NCGET SAGQY VXTEU
11976 LMPHO /=.VA' BCGCS SALQO ZNXBS DJWUG SLOWP SNDNW SKAYU
PW0IE 89650 BXCSO ,AS.,/ CXRSY KOSPO BAERE BVNDJ LKOEI DGFWT
CXZVA NCBYW 32980 NVHEI .',/? AQPSL MXZNA LAPQI BCVSN SKAOQ
XMLJA SHQUX VCBSH 45873 LPFOE '/?AR. DKWJH BCNSJ CXGAE CBNSW
AR.,/' CAZQS 58236 FZDQH VCBHS LK0IE CXAHQ BCNDJ KSLQI NVBDH
XZKIW 25869 LMPOS ./?'VA ZAKLD OQPKX BVCNS MXJSI

GDHSJ WNDHE AUJSK QQLAO NGBVF QLMAP JKDUR JSNWK EUIOK HNDTS
IKGCV 37628 AYSGX WBSUJ YHYTG DHSJQ BHDTR FJAIK WNDHC VZIJK
OLHGF 87452 XVSGR SHWUZ 10964 ETDFX CBSHA WJNHE SHGZU ALSGF
LGBCH XNBWH DSJZU AGWCD QKLAU GBXHR SJHAU YHGDV CLQIO AMLJH
YHBGR ZUJXV WNGSU 46381 BWNDU ZKQLA PLAYG BVXCD WNSHR ZJHSK
GBVCG DJSKZ WKQHJ AKLXV WCSGR ZJHSU 65953 BWNSJ AKUJH DGVXT

GBXVD QJAUD WNQMA QPLHJ FGCVR QKJHF VXBET SFQGA JKWIR TGQLP
YHDJZ BWNSJ AUJQK 28765 01753 GBCHS WBSJA WNQJK AIKSL QMAPH
YUHDJ SJBSF VXHSF QHAUJ WNQKA IKDGV 63784 BGCJD XNSJR SJHQK
HBCJD WVSJZ 3764/ WNHSF QJHAU RTDGC XMLQI KDHSB XNDGR SHGIM
KJFHC XNWSK ZIJAK WKQLA YHDOL 67849 NXKDJ SHWBS IJDGZ WNBCH
UJDKL WNBCG DFZRS WBWNU ZHSGQ AJHDU 78356 WBXVD QJHND UJDHB
WCXVS QHAMQ WNHZI JQKAL HNBJC DUJXB VWGDT ZRFSX WNBHU UHFGC
VXHSD WXCSF ZYHQK WNBHX ZUJAL KNJUH BXHDF 65382 BXNSH JQHBX
WNBCY FGDHZ WJQKZ HBXKS IAJHF BXNDK SLKWH DYXHR SKZLF

CNCSI CNKQO AQLPS ZNXW CMNVB AKSOP QWEIU XBSAJ LHKJY 65489
CARQF .,/?VA QAJWU XBSGH CKWOI AJDGE QOWUN CMNSH SWPEO XHSWU
.,'=' DARGD 52017 ALQSO SJNXI QALPS XNBHA SHDYW XNCMS ZMXLP
WUEYY 10478 NXBHA .,?AS/ ALQPW XBSUW ALKSO XBCHS SJWIX BCNCJ
CMSKW CZFST 12036 NCHDG .',AR? ZNXJS QPLOS DHDWU XBCNS AJSWI
XETYC VNMSK AQOIW 89564 NVMDW ?/.VA' JQIAL OILPU XVAGW DHFGR
VNMEI SAHWU SDPLI CBSJW 23561 XBAGQ .',AS/ NCPOE XBSHW SKWOP
SABWU CBEYD NBMCK SAJWU XCVWY 43692 NVMDW .,ASVA. BXGSG KGMGL
RISFE

DHIQU VCGSH PELEO XAQEZ NCBGD MVNBT PTOTI BVNYE SWREG 02589
NCDIE .,VA'AR NCBDH MNLHK CXSDW ASQWE CVXBW LGRPO CBHYW NVVNR
45896 BCSHW .,?'/ BCDHE LHPOT BCNDW XMKWU ASQVS NJDEF MFKED
VXSGW 47896 VZQAO .,AS' MCDJU MVLOR ACQRZ NCDHE MBCND LGPRO
CDWRE NNCJE 74302 BCMAK .,/'= NVBXC NSWPO NDEYJ DJKET AXZVS
NVMRU LDPEJ WRSFU 43269 BCCPW ,AS.'/ KDWIC SNSJW VZWPO LFMKR
DREGN MCEIS MCKDO AFQTH 01658 CAQMK .,?'/ NCYWP ASQEZ NXHWY
BXWJK LFPEI CNMWI ZCVQT MVIEW 49635 VXQAU ,/?,' MVLPE QADTD

NDJEI CVDBE FKEIS QEAFY CBDFW VFLPE 41203 CXZBA =.AR'? ASQRV
NVDYE MCDEI BXBWH ALPQE BCDDY CBXBX MXWPO ?.,'/ CZPLO 58023
SNHWY BDGWT XWEUD MVLEO XWTCN ASKEO DGETQ CBNSK 41123 LMPOI
?.VA,' QPALO BCGEY MXNWU VCHWI MVLRO SDQRA XZSBV DMLGS .,?'/
CXABQ 39856 VATYW IDOPW VXCZB LPFDO

GDHSJ WNDHE AUJSK QQLAO NBGFV QLMAP JKDUR JSNWK EUIOK HNDTS
IKGCV 37628 AYSGX WBSUJ YHYTG DHSJQ BHDTR FJAIK WNDHC VZIJK
OLHGF 87452 XVSGR SHWUZ 10964 ETDFX CBSHA WJNHE SHGZU ALSGF
LGBCH XNBWH DSJZU AGWCD QKLAU GBXHR SJHAU YHGDV CLQIO AMLJH
YHBGR ZUJXV WNGSU 46381 BWN DU ZKQLA PLAYG BVXCD WNSHR ZJHSK
GBVCG DJSKZ WKQHJ AKLXV WCSGR ZJHSU 65953 BWNSJ AKUJH DGVXT

GDJSF WHQGF XVCHR LAHJD XJHDG QLAMO MAJKF YHDJS WBSKA UJDHS
LAPMD WJNXV DGRTS AUJDK 56287 WBCJD AJH DU 78352 WBXVC YHDGS
WBXLA PMQKU YHDKQ LAPOI BXNWJ THSUZ QHAGU JDKSI 67389 UJDHS
YHLPA WJQKA MLGHD JQKYH XVWOL YHSJE 63528 HNXJD SKZUA PMAJG
JOALK XNBWJ SJHQL MAPKI HDJRT SGDFX MQPAU 56483 GVXHS WBSJZ
IKAGH WBHDL AOKSH QMAPH WBXHR SHZYA 67382 VWBXH SJZUA QJAHG

MJHEU ZOIWG HLODG POUTB KDFRB ASMNT LXCVCU HUDVO SKTNI 58726
BCSWK AS'?. , POFKH SVRYX MZLFW GOUVJ AQDEG CNTHP KLJSG PNYFJ
33948 BXAQJ .,AR/VA PLMME GBYXG JHSRR LMAUR BYDIJ VWAQT ZOUIH
MEGSQ 63591 VAQHS ?.AS,/ AIRFC NTGOK CWSUN SOKAT SMHES OPLFR
BTANS PFIRG 36115 BCZMA /?.'. , SICAV HYQWO VHESR OKSBY FKLJS
SMEXR ZZYGT LIMER 22654 ZCZAQ , 'VA,AS IMSUY WASPS LUCKY SWAPS
32598 VZAQG ,?.'. , MONEP NYDCF LOIUD OPTIO RATES FORWD FUTUR
KIFRC 36541 CZPLO /?VA=' BIDSS GREAT YHTFD VMNSI

GDHSJ WNDHE AUJSK QQLAO NBGFV QLMAP JKDUR JSNWK EUIOK HNDTS
IKGCV 37628 AYSGX WBSUJ YHYTG DHSJQ BHDTR FJAIK WNDHC VZIJK
OLHGF 87452 XVSGR SHWUZ 10964 ETDFX CBSHA WJNHE SHGZU ALSGF
LGBCH XNBWH DSJZU AGWCD QKLAU GBXHR SJHAU YHGDV CLQIO AMLJH
YHBGR ZUJXV WNGSU 46381 BWN DU ZKQLA PLAYG BVXCD WNSHR ZJHSK
GBVCG DJSKZ WKQHJ AKLXV WCSGR ZJHSU 65953 BWNSJ AKUJH DGVXT

etc. etc. etc.

M89 - Chinese Military

4846 kHz, 04-10, 1203 UTC, i.p.

DE 8KJH QSA 2 QRJ QSY HRJ QRJ QSY HRJ QSY HRJ
VV C8PG DE 8KJH K
R DE P8JS QSA 3 K
R QSA 3
R RPT 2P 49W K
R RPT 2P 49W TNTD TNTD K
R RPT 2P 50W K
R 2P 50W U7TD U7TD K (Cont'd to repeat groups)
R QSL 2008 K
R SK
SK GB

4367 kHz, 12-10, 1114 UTC, i.p.

RMKS = =
7792 8080 6708 KK 73 KK 8072 AR
= NR 0176 RMKS =
7792 8080 6708 KK 73 KK 8072 AR
QSL 19.0 1 WK NR 025 (Both stations on this frequency)
R DWK NR 306 AR
NIL ... 7G ..
R GA
7G TO U ...
7G GA K
7G 017. RMKS =
.898. 7.KK 2129 89KK 7872 AN
LL

M95 - Chinese Military

4393 kHz, 04-10, 1152 UTC, i.p.

R QSL 1952 HR WK NR 556 K
R HR WK NR 425 K (Both stations on this frequency)
HR 7G TO ..
R GK K
R MSG NR 312/CCK CK 99 66 1004 1.43 RMKS .394 TO 6217 TO 6294 AR K
OK GA K

4364//8073 kHz, 08-10, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 08-10, 1145 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)
HR MSGS GA PSE C Y
NR 0782 CK 463 35 1008 1619 =
TTD 3U6 3AN 3U7 TAU 773 TA7 773 TU3 773 ...

5631 kHz, 08-10, 1111 UTC

NR 040/CCK CK 51 39 1008 1930 RMKS 3121 TO 8741 3034 .099
R HR 01W GA = D.3N 7N45 N6A 555T
HR 7G NR 040/CCK CK 51 39 EEEEE
NR 040/CCK CK 51 39 1008 1930 RMKS 3121 TO 9731 40.4 3..9 ..37. NDE6 3 (Fading)
4ATA A54N 7667 5TU6 67.7 ...

4243//9054 kHz, 09-10, 1150 UTC, i.p.

AR A HR MSG GA
NR 039 CK 15 35 1009 1602 =
UT5 TTN 3U6 3A4 TTA TTU TT3 773 35U U4T
353 4AD 445 4D3 3DA AR MSG AGN
NR 039 CK 15 35 1009 1602 = (Repeats message – 1152z)
AR A HR MSG GA
NR 18 CK 118 35 1009 1605 =
UTU TTN 3U6 3A4 TTU 773 353 U4T 35A (Cont'd)

4351//9054 kHz, 09-10, 1135 UTC, i.p.

2692 7889 2692 2680 AR
R 7G NR 02 CK 05 CLS 76 RMKS =
6531 2692 7889 2NSEEEE RMKS =
6531 2692 7889 2692 2680 AR
R QSL DTG 1937 HR WK NR 623 K (Both stations on this frequency)
R WK NR 795 K
2041 5488 1785 AR
7G NR 01 CCK 85 7G NR 01 CCK 85 RMKS =
1264KK 204154 KK 1785 KK
VVV ISVVV B VVV B EEEE
VVV 6SZE DE TS EEEEE
VVV BIZE DE I EEEEE
VVV XSZE DE E2K EEEEE
VVV XSZE DE E2K EEE (Sure having problems)
VVV XSZE DE E2KE CCK KK 4 KK
R XSZE DE E2KE CCK K K 4KK
VVV XSZE DE E2KE CCK KK 4 KK (Cont'd)
DE GUP2 QSL DG 1958 WK NR 623 CCK WK 4 K
TROK NIL
WK NR 795 EEEE R D EEE R WK NR 793 K
TR OK
TR OK NIL SK GB AR
TR OK NIL SK GB AR
VVV XSZE DE E2KE K
DE GUP2 QSA 2 QSA ? K
HR QSA 2 7G TO U PSE CY
R 7G GA

4364//8073 kHz, 09-10, 1130 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 09-10, 1145 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE C Y

NR 0786 CK 414 35 1009 1633 =

TTN 3U6 3AN 3U7 TAU 773 TA7 773 TU3 773 ...

4364//8073 kHz, 12-10, 1134 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 12-10, 1145 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 0704 CK 453 35 1012 1637 =

TAU 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 (Cont'd)

4243//9054 kHz, 12-10, 1152 UTC, i.p.

AR MSG AGN

NR 089 CK 42 35 1012 1543 =

5AA UTT TAU 3U6 3A4 5T7 5TD 75U 36U N3D (Cont'd)

AR A HR MSG GA

NR 24 CK 183 35 1012 1556 =

UTU TAU 3U6 3A4 TTU 773 35U N3D 353 4AA (Cont'd)

4243//9054 kHz, 17-10, 1148 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 17-10, 1149 UTC, M95: CW

VV HR 7G TO YR PSE CY

NR 099 CK 36 35 1017 1515 =

5AA UTT TA7 3U6 3A4 5T7 5TD 75U 35A U4T (Cont'd)

AR A HR MSG GA

NR 34 CK 131 35 1017 1527 =

UTU TA7 4U6 3A4 TTU 773 35A U4T 353 4AA (Cont'd)

4364//8073 kHz, 17-10, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 17-10, 1141 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 083U CK 303 35 1017 1638 =

TA7 3U6 3AN 3U7 TAU 773 TA7 773 353 4T3 NN3 (Cont'd)

4364//8073 kHz, 19-10, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages

4364//8073 kHz, 19-10, 1134 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR 7GS GA PSE CY

NR 0840 CK 372 35 1019 1627 =

T.N 3U6 3AN 3U7 TAU 773 TU5 773 353 4T3 NN3 (Cont'd)

4243//9054 kHz, 22-10, 0847 UTC, M95: CW

4243//9054 kHz, 22-10, 0903 UTC, V26: USB. Repeats M95's messages

V15I DE N9RB QSY 25307 25307 K

V15I DE N9R6 QSY 25307 25307 K

VJ5I DE N9RB QSY 25307 25307 K

R (Very weak station on frequency)

7TA NU6 7T5 777 76T 773 33A 336 7UT TTU 773 35A ...

AR AR 7G GA

NR 078 CK 16 35 1022 1620 =

UT5 TUU 3U6 3A4 TTA TTU TT3 773 35U U45

353 4A5 44 6 467 4D6 3DU AR

A HR UP SB WK (Switched to voice)

UM03 - Chinese X2M net

7920//8250//8410 kHz, 22-10, 0920 UTC, i.p.

CQ (x3) DE X2M (x2) VVV

MSG MSG (X3)

NR 01 01 CK 100 CK 100 TIME 0421 TIME 0421 DATE 1010 DATE 1010 =

546UN 6UNT7 4TA75 6573A T4A6D 3N475 D4NT6 4TU6N A73N5 TUD53 N4T3A (Cont'd)

DIGITAL MODES

HM01 - Dirección General de Inteligencia

The groups and files from April 3rd were repeated till 9 October. On October 9th a mix of old and new groups were sent.

The groups and files from 9 October were repeated till October 20th.

New groups and files appeared on October 20th.

In the morning of October 30th they still sent the 20 October series but from 1600 UTC onwards they returned to the October 9th series, mixing two series of the 9th. These were also sent on the 31st.

Groups and files from April 3rd

Groups: 01441 68532 35731 30038 48409 70208

Files: 17550144.TXT 50026853.F1C 14623573.TXT 43453003.TXT 13804840.TXT 50087020.TXT

Files: <http://www.numbersoddities.nl/HM01-3apr2020.zip>

Groups and files as per October 9th, 1558 UTC

Groups: 66012 17241 10803 16171 10125 67090

Files: 50416601.F1C 20511724.TXT 46251080.TXT 01041617.TXT 74061012.TXT 57856709.TXT

Files: <http://www.numbersoddities.nl/HM01-2020-10-09.zip>

Groups and files as per October 20th, 1558 UTC

Groups: 56284 66144 55861 42346 62801 20863

Files: 03825628.TXT 05006614.TXT 20845586.TXT 10424234.TXT 12346280.TXT 67562086.TXT

Files: <http://www.numbersoddities.nl/HM01-2020-10-20.zip>

Groups and files as per October 30th, 1558 UTC. Repeat of October 9th

Groups: 66012 17241 10803 16171 10125 67090

Files: 50416601.F1C 20511724.TXT 46251080.TXT 01041617.TXT 74061012.TXT 57856709.TXT

Files: <http://www.numbersoddities.nl/HM01-2020-10-09.zip>

Oddities

9065 kHz, 05-10, 0758 UTC

Carrier only till 0856 UTC

9240 kHz, 05-10, 0858 UTC

Carrier only till 0950 UTC

9155 kHz, 05-10, 0952 UTC

Carrier only till 1050 UTC

9065 kHz, 07-10, 0758 UTC

Carrier only till 0852 UTC

9240 kHz, 07-10, 0854 UTC

Carrier only till 0950 UTC

9155 kHz, 07-10, 0952 UTC

Carrier only till 1030 UTC

11635 kHz, 07-10, 2200 UTC

Should be on 10715 kHz

11435 kHz, 09-10, 1600 UTC

Mix of old and new groups

11530 kHz, 09-10, 1700 UTC

Mix of old and new groups

11635 kHz, 09-10, 1800 UTC

Mix of old and new groups

9330 kHz, 11-10, 0758 UTC

Should be on 9065 kHz. Switched at 0813 UTC

11435 kHz, 17-10, 1600 UTC

Carrier only

11530 kHz, 17-10, 1700 UTC

Carrier only

11635 kHz, 17-10, 1800 UTC

Carrier only

16180 kHz, 17-10, 2100 UTC

Carrier only

17480 kHz, 17-10, 2200 UTC

Carrier only

11635 kHz, 18-10, 2100 UTC

Carrier only

10715 kHz, 18-10, 2200 UTC

Carrier only

11635 kHz, 19-10, 2100 UTC

Carrier only

10715 kHz, 26-10, 2245 UTC

From 2245z to 2254z Radio Habana Cuba's audio

11530 kHz, 30-10, 1700 UTC

66012 17241 10803 16171 10125 67090. Back to the 9 Oct groups

11635 kHz, 30-10, 1815 UTC	Radio Cuba Habana into the groups and messages of 9 Oct. From 1828 UTC onwards two series of 9 Oct groups mixing
11635 kHz, 30-10, 2058 UTC	Mixing two series of 9 Oct groups
10715 kHz, 30-10, 2158 UTC	Mixing two series of 9 Oct groups
13435 kHz, 31-10, 0658 UTC	Mixing two series of 9 Oct groups
12180 kHz, 31-10, 0958 UTC	Mixing two series of 9 Oct groups
11530 kHz, 31-10, 1658 UTC	Mixing two series of 9 Oct groups
11635 kHz, 31-10, 1758 UTC	Mixing two series of 9 Oct groups
16180 kHz, 31-10, 2058 UTC	Mixing two series of 9 Oct groups
17480 kHz, 31-10, 2158 UTC	Mixing two series of 9 Oct groups

F01, F06, F06a, M42, M42a, M42b, X06 - Russian Government & Intelligence

M42 – various modes

9965 kHz, 06-02, 0743 UTC, MFSK
 14821 kHz, 15-10, 1348 UTC, MFSK
 10468 kHz, 31-10, 1021 UTC, MFSK

M42b – FSK 50/500

10500 kHz, 08-10, 0725 UTC, CW
 VVV RWB5 RWB5 DE RAZ2 RAZ2 QSA? K

12105 kHz, 26-10, 1211 UTC, CW
 RGP RGP RGP DE RGO RGO QSY 11465 QSY 11465
 RGP RGP RGP DE RGO RGO QSY 11465 QSY 11465
 RGP RGP RGP DE RGO RGO QSY 11465 QSY 11465

F01 – FSK 200/500

11136/9074/7723 kHz, 07-10, 1840/1850/1900 UTC
 Null message: 5761 00000

10192/12227/14483 kHz, 15-10, 0845/0855/0905 UTC
 30878 93184 86545 08233 44720 60598 98132 56247 22590 75935
 89824 15028 44566 58512 27806 38523 70507 33183 39155 51159
 42732 87486 16327 64016 35668 63657 95957 62597 63415 40187
 85421 33354 81161 82622 35576 21177 41367 68293 83141 35033
 90691 14650 11143 43927 18569 65901 00856 30387 93378 17643
 73696 93658 47165 84164 46489 19791 94813 38110 48549 60803
 98645 77199 74020 90125 14362 97685 67905 26494 79267 79231
 69221 43488 28720 10908 59726 06907 51741 12991 91646 07154
 21721 34240 92848 78841 63159 29366 72881 24783 40384 46344
 78351 86563 79172 78296 71030 28888 57226 59601 27173 29883
 24425 10927 81456 94539 38812 62890 63980 33495 29229 13002
 03782 74328 20559 95608 97282 97564 82497 69513 65122 14578
 87795 52947 45800 29565 90922 60604 99581 52804 63062 22409
 21083 57357 44406 88711 83996 96426 99664 51590 66374 23534
 87737 36966 29924 82728 81484 47196 51733 60997 98527 58844
 31888 20070 29030 05320 25397 49804 71382 99061 71870 10347
 11740 72964 21399 55243 08338 45725 80049 52701 66540 40813
 23439 47176 15537 13730 51799 28485 22649 67259 84996 00622
 06160 59405 20923 67469 32628 33674 05702 77592 09604 26421
 89153 95302 09693 30930 63948 90179 86912 22924 11891 62229
 71262 77179 05766 44890 52458 29950 40195 53041 88765 66873
 89930 68231 01866 41059 19029 78295 43696 51035 89339 13551
 46198 33244 41751 46772 89917 48786 48623 49115 52383 69075
 60854 19187 22217 90119 07234 00000

20966/18954 kHz, 09-10, 2230/2240 UTC

11177 00116 97177 09049 03929
55190 57714 59410 00391 28470 13103 24152 77447 52255 83416
27100 21252 77450 44452 28563 14971 02969 81170 80370 27883
00864 57147 91881 39178 04075 97013 60934 86463 17699 86572
93176 56158 39731 20276 58214 57980 02228 50759 56007 50693
68804 20104 91964 11314 49429 77535 84161 64967 18431 13231
51131 17569 46672 62925 53651 58530 83819 63006 88976 25667
51644 60792 60952 49506 34305 09662 74439 19176 76530 03745
27498 37058 25656 31842 99758 54404 78444 55279 60423 05094
18627 39370 44336 79726 56107 93180 69552 07230 03763 97280
94854 36178 52777 24173 40643 33003 32455 81084 21647 39287
65430 29811 64881 55329 54245 63295 11311 42161 60188 43637
24621 59215 60380 31207 55577 79821 94000 59573 35373 51721
33620 35909 96427 94793 42571 71574 44055 53169 04284 72567
27461 43936 34540 44522 83478 69605 12565 91944 51510 86535
91914 16376 83089 46509 77078 43171 94510 53633 76745 31573
35965 03760 69667 47775 75616 98617 44058 05671 22055 51838
96461 04950 33568 29059 01034 21255 87669 89297 85175 28078
09310 19791 72437 55077 81226 81465 78667 12508 84854 07253
72298 36461 45242 20413 34745 34577 78405 65072 81837 36949
64570 66157 32216 81880 95719 60901 33651 91197 70900 69130
83195 14799 37725 94501 02138 49130 03494 73886 51661 59273
64391 17084 00179 59334 26179 04061 78254 30822 14842 31888
82067 83704 00595 28583 11341 89821 83726 76024 52690 43352
15679 09141 44310 28024 53833 83557 82954 95742 73413 28886
59131 86334 84961 29843 31468 43099 30816 02396 76160 03834
59033 57109 72471 72051 98181 66888 10192 98048 81462 81301
30015 24533 93574 54678 32764 76480 38775 80159 18391 99928
53571 46891 40716 79374 12473 62558 88809 88476 00254 08425
30989 53745 49151 19094 82333 35911 64447 04155 81684 58649
86865 53916 89051 39365 65219 96403 39365 01709 37753 97818
13515 74520 45615 23644 12612 06886 26893 02572 46412 53999
64654 60464 71830 13504 87429 16510 42500 17019 45571 58780
55299 06523 11936 41367 04786 50289 80307 70290 81483 78062
60031 70362 74952 40158 90254 50193 67582 20175 22253 07537
30042 56011 43245 42145 54335 48868 40165 68340 85382 64924
26796 44471 37080 59382 82733 61463 03770 77555 77598 57626
03054 12707 78938 51928 10897 25297 67264 12907 74949 53360
06645 05421 17033 68672 44315 82411 60719 58411 37716 13879
44951 36989 32424 70250 09631 17752 39384 02329 64115 99228
49390 00000

20966/18954 kHz, 16-10, 2230/2240 UTC

11177 00116 74158 15050 02079
92023 75922 89736 12931 94784 50361 06320 61554 76569 37452
54744 30786 88431 49206 89266 49504 87172 72261 06159 49091
77115 97767 36563 94812 93908 85096 38561 15984 81030 44447
63175 96217 85741 85975 38831 89643 33860 48889 77643 03092
54059 46922 47754 81289 36802 10511 08506 46258 62847 24062
99081 31103 40391 96933 80566 40046 26756 98728 29960 27613
21599 14910 75870 48042 96104 22205 52902 83804 09196 25449
93605 02943 51743 14694 22641 28892 88868 38333 80476 89068
79033 37326 52658 79604 10487 08624 79392 83017 89154 92574
99459 35708 19978 25349 02019 62120 73119 05677 40647 48582
60664 62896 07010 13772 64520 29099 45103 78860 46760 97597
85338 37937 87419 09885 84371 38097 99324 37122 02175 17417
11170 40851 66219 64808 10229 75646 37974 91706 08539 41541
55498 38522 27034 63633 44397 25890 24765 71333 85108 76350
80411 35934 15083 56599 07637 61506 50812 26910 42740 32803
70034 92742 52443 86089 22318 34224 51757 16981 33379 86704

84816 85219 96064 99089 31489 67737 12215 09040 13741 13032
17565 42217 24165 78592 73647 97221 63021 56500 34660 25895
06083 78210 58550 73823 07776 91190 89880 37069 21779 76271
58845 65684 88387 52450 57327 21349 41957 41221 62022 97435
61403 12779 81076 01025 19713 50205 00000

20966/18954 kHz, 30-10, 2230/2240 UTC

11177 00116 78216 29052 02859
94697 88605 25657 15669 50566 79536 73294 94070 20110 97260
23587 11981 32435 25386 59874 87638 61417 21727 88490 14020
53467 00942 70695 12236 63227 56720 52349 73681 33101 03206
89793 83153 77574 40347 95343 40108 58262 72861 50866 20252
60604 37501 62844 44652 08170 18302 57395 48551 75494 54515
38658 67083 85385 70897 59008 80062 01643 85055 74515 83051
53124 71523 84100 76878 50095 87272 75817 92800 78804 88329
28701 95504 85220 92197 43624 31122 83856 65766 01587 12450
52645 43395 72897 58573 99773 04860 25654 31060 13433 67856
06996 33935 30419 74730 95532 69603 84510 78149 48414 67922
20580 55370 91455 30606 85352 05822 25776 58146 30773 11665
49372 51442 90904 66040 17076 05325 18298 98666 87320 36164
90771 53498 29173 10743 24542 98118 88042 68591 54638 69558
33531 54964 68536 86229 37847 06649 03957 80654 58213 57793
46759 32693 21734 57946 89870 07936 36122 19483 39189 30966
74757 36621 77396 48171 09491 43199 21615 59789 89643 01419
35856 25891 90629 38728 84185 75961 80656 75035 35553 76792
78914 07443 56215 38361 03719 44694 50701 62381 34028 08507
37240 63222 32776 43991 68608 15876 05458 06340 34321 10660
92413 15974 05106 19352 18233 99329 05601 02436 46727 57482
26221 12143 14915 29788 10107 70989 44435 44731 76118 30487
53848 75166 63804 39710 20251 40147 11271 78426 63643 20516
01906 34456 52494 80456 40889 29958 53924 12195 47419 26333
76965 46019 73607 62426 82318 92834 85960 05715 57055 11414
70409 21176 77699 17547 46801 87516 10119 77274 03807 15451
19680 51387 90175 47720 90087 83381 23273 45539 74354 48064
00839 91147 26339 02987 26917 61174 86286 09900 87865 50481
18813 18411 39419 51184 26760 29043 90708 16541 89380 77871
96206 64385 98262 52283 00000

F01 – daily schedule

11129/9082/7344 kHz, 01-10, 1015/1025/1035 UTC

68700 12886 82761 26598 91746 40616 92011 66373 60880 50742
30858 31272 86661 25833 35943 98530 00365 22713 68721 37010
29284 67776 85736 27360 41286 98477 39865 36960 63285 74460
29695 35590 03332 06753 39247 62754 31001 78463 35205 82612
95772 55415 13860 87434 88081 10172 14947 35541 72734 07864
44563 34639 49383 27277 74356 06517 19721 15636 09170 94022
66122 00508 40335 96258 71384 07280 26787 42945 34273 55634
71211 43872 60557 33469 83392 74396 34216 71699 47953 82902
98515 68368 38682 31178 01633 62085 00000

42823 62781 97231 91835 46838 07960 50099 98376 27173 30892
86580 67518 94736 18912 82287 47022 11851 76187 95822 93741
56993 41167 24776 97367 62286 67801 80577 98416 22185 62718
43124 05146 96791 95548 81140 39075 58238 24571 49189 63816
53563 04893 97286 76890 82548 71323 54050 69213 13916 13153
69322 81954 88350 83005 27195 15442 81778 06966 65393 69800
27329 88163 61940 22029 19435 20998 75038 69174 48490 58197
47121 92321 39518 97902 08994 21061 93278 82945 45015 03136
53251 29537 05247 08955 46943 27521 75520 25652 74938 79416
41343 63091 00000

11129/9082/7344 kHz, 02-10, 1015/1025/1035 UTC

Null message: 5761 00000

11129/9082/7344 kHz, 05-10, 1015/1025/1035 UTC

85841 69723 84229 28467 14245 21505 51637 06333 99411 85019
50081 65326 40265 78778 66635 88351 64000 77116 39739 76472
95245 74731 75673 00027 55396 02110 19424 21720 21812 40267
22136 02618 01568 08241 72330 27002 99438 21775 83081 06997
84811 46636 52337 52927 87217 94993 38575 20332 75149 38303
18971 69581 97885 35133 22280 99017 94975 97368 53612 37584
03098 43237 53287 07851 14961 10576 56960 95393 69949 28805
49206 85462 81193 73020 27744 52862 28749 48655 20499 16001
73582 80147 22680 91035 72042 02045 46066 07054 95506 75992
97687 68217 84889 82035 30084 73834 94707 57673 30344 32263
06380 83110 40088 29609 15447 36131 23603 39142 22415 65043
26310 82374 81894 53125 90747 77739 89725 73013 22266 37794
12785 54472 21609 00912 91148 13974 26588 08370 67311 19541
30019 62791 22146 89269 66115 28875 22278 46993 82529 62340
08586 83501 40225 78037 80493 96774 08367 93155 55757 09648
46421 06463 10423 88361 90646 99523 28650 10428 87170 70819
17086 55248 38833 38726 63476 15922 57988 74266 44204 55689
42450 49594 10441 57435 16772 13132 07599 39697 06042 27311
07771 37619 34390 29843 59843 72278 65385 04469 86982 56834
26518 72109 86156 12927 84948 38374 09410 95770 66720 58348
31554 51370 36605 04601 33975 54313 80792 49364 59244 99556
59591 96794 16213 46661 22342 26283 40283 39900 01721 32728
38545 52691 29626 74727 74463 29773 41840 66607 71800 25580
63637 75248 42469 62245 93547 07623 67994 55666 27441 00004
89274 83078 90146 44759 84343 90570 66759 15691 38789 63970
50860 77844 38550 11563 51806 92722 39757 32043 28294 54857
95314 66178 40378 20658 42906 55586 37140 15484 84116 57086
22184 29883 09348 86051 64148 40919 48234 87205 44435 19541
50223 56292 59326 09922 25022 61071 18681 91708 97601 35057
08408 61120 57428 42456 08892 91830 06631 37730 86562 61570
36773 68230 00799 55395 88933 93327 93352 81550 76769 18488
52477 60865 77258 67733 68951 75627 18800 42906 26185 88860
21374 43197 91595 69955 68433 43365 01443 87582 15223 54075
56302 55829 63208 12817 69378 44497 55315 78818 34829 89493
71646 30402 08306 64263 30380 88221 16882 98192 23532 12815
40565 52916 42263 49909 32580 92481 71433 21921 70606 08292
58074 89080 56163 84773 83477 28626 04325 16707 93586 05502
90955 14149 67372 32994 49651 55894 27887 46749 35576 77409
25681 40610 98382 04177 49270 37699 31398 66383 42342 95200
89269 55899 32390 66269 91258 11476 00451 67501 52356 43107
46657 25416 09427 31482 31271 00373 34559 63479 95890 11371
52805 89632 94521 10166 06510 14504 89208 78136 33398 55904
89889 44345 50635 33908 43186 64425 00000

11129/9082/7344 kHz, 06-10, 1015/1025/1035 UTC

50515 62191 35830 76642 50349 24962 42595 49528 82653 88645
85801 59340 49717 59592 46694 34726 81960 00811 69879 21558
97886 25493 99706 08541 50851 24617 87040 04863 36092 95824
02396 49591 56440 65757 16346 57492 70171 23027 33166 30960
69413 04031 88622 92754 62563 98777 47872 19218 59144 68924
64389 78675 80543 95205 85868 04696 45063 96448 18038 58898
00724 87350 82317 63008 04269 67225 28265 04828 69786 56876
86742 47829 35404 25823 74747 65075 00000

05077 94477 03633 67309 35952 59311 45998 99703 48722 16900
01369 07353 09204 71799 44846 02357 35881 81334 62638 88679
88195 15846 47049 05845 28781 88566 39612 13353 89294 03567
64557 26759 94562 95198 19794 41351 24702 57486 17604 04355
19928 86892 92230 21624 57721 86901 16543 09729 57041 07860

94975 29398 89285 20500 24929 61248 00673 46605 43799 09729
75730 95227 03859 46234 96600 77920 42145 27308 77814 01406
37557 48887 81259 61123 72349 22515 40996 84097 40208 84468
52637 94552 68094 73725 06956 00726 44045 39730 72424 26307
68121 65864 56367 66093 00000

11129/9082/7344 kHz, 07-10, 1015/1025/1035 UTC

69804 30112 89137 68310 92439 19568 38427 27827 70494 87885
48662 14329 40093 23580 76849 59998 72870 13401 74680 88011
83304 97792 59590 36600 92806 10051 04284 75403 55223 22605
61893 00049 73455 48865 68979 15876 61882 74078 93549 46775
34267 13621 20276 30054 21844 22175 90116 83273 51266 02215
36518 54000 37101 85252 85376 88405 68573 84275 10974 79644
95221 40807 65042 81960 41181 15037 21171 01457 02752 92460
01727 99453 08974 05449 79482 69387 49860 93208 71145 73184
02006 48549 64961 48038 06240 24910 49586 19541 77019 02078
36427 82095 48252 34030 92611 32554 85222 27347 26803 68010
17331 23629 95025 83700 71310 84353 18701 31927 09628 01611
32081 27963 03740 83153 01258 13863 96908 85208 81944 16126
36249 91471 08219 58138 78705 61733 29403 13340 00639 98573
37279 10056 65715 05560 50827 23919 30787 35382 50664 18832
94443 51372 80382 22400 17929 50840 56968 46774 73109 23657
57488 90843 97177 44536 74239 84711 58787 22442 55531 62392
65296 55563 74316 73674 65811 65291 91824 71072 29725 07641
08416 32824 05421 85547 18820 07852 88850 10483 13964 93634
56656 86822 96566 82939 43533 17409 02687 40319 68514 53739
46424 94346 39877 39219 29943 56509 93340 18925 86023 02688
43258 14304 45313 78188 51480 86254 45477 12235 43590 35019
24431 52871 27176 10340 64840 58222 91855 30295 82075 05027
95716 32274 72820 00404 67875 04511 66500 07768 81835 71624
46741 22855 79333 32605 35025 60772 49360 74670 53750 40029
92047 11448 10868 74469 22107 18902 73283 09061 91498 67458
21232 60464 36035 73757 00773 48322 75596 20468 16643 28219
22641 17615 32608 62225 78710 03839 71534 87985 23607 11039
32348 72278 26937 40832 66082 59981 36701 26268 78184 54391
24627 77227 49292 89820 92925 32961 91646 82427 72159 70184
83335 70194 64914 40185 47567 78012 14961 33365 69134 68799
06583 94662 65291 66586 23781 38296 53198 62519 24022 35257
81140 39706 06220 71991 15709 77850 77654 03721 02118 23605
49495 50817 39858 37588 15627 11688 40873 53995 94468 90604
62433 13750 38460 63908 31914 57121 40919 33026 05651 86757
94946 37750 29064 37065 84067 28204 90244 10870 09302 18936
84176 69304 82347 73582 29802 85856 39560 93534 07095 00512
56430 09043 06350 34932 67224 96206 06861 54612 19500 68272
27186 88935 18163 14694 14179 45089 38772 86379 62974 76756
14760 50565 85126 93535 28272 63762 67070 22018 59310 36202
86112 54463 72856 86224 76115 46008 48676 08048 60091 46352
83485 01347 91866 76852 20174 36095 74022 88959 83749 51095
44287 64951 28732 09632 47580 46873 27638 60699 35880 04656
55285 79229 63118 79315 48568 83760 67275 62198 46424 54986
56876 96196 39652 67433 00000

11129/9082/7344 kHz, 08-10, 1015/1025/1035 UTC

74335 31024 43071 50261 65618 87725 91187 29792 37605 17255
76565 94078 89685 49161 84924 36544 88073 84996 51434 45116
07841 52234 49083 37845 79731 82121 96684 96656 27712 41144
34942 41448 08172 70789 44019 11693 86721 15299 01058 47762
13531 42097 01069 89135 83135 84585 89638 31691 89657 61978
80895 11275 13370 55892 59158 05717 99548 48348 87725 72495
15548 50888 73221 64236 97029 79503 58949 89228 19301 55038
45685 09149 54678 33774 63355 91174 01828 97882 42023 56689
98011 60417 55631 93751 50193 64558 36943 25518 45911 81768
87099 51818 29889 68093 00000

06516 52322 74705 74989 51280 97249 25471 62490 72284 95453
60822 52991 53970 52027 95651 43104 65112 14437 60240 23948
34914 71737 90065 98963 85834 37473 34075 94019 27848 39711
98600 45730 43812 66643 69106 78944 20640 41187 76951 09325
05958 23031 03367 31967 94939 61558 37822 81984 77006 48087
32975 78015 97074 40862 23391 84564 11041 61245 00222 54136
40199 84523 59022 35094 54264 73793 62908 56169 37696 30345
88225 23581 19021 58986 44931 91679 67818 69077 00000

11129/9082/7344 kHz, 09-10, 1015/1025/1035 UTC

Null message: 5761 00000

11129/9082/7344 kHz, 12-10, 1015/1025/1035 UTC

50500 59302 98627 33390 30604 22371 78205 09757 91464 54915
47659 18321 78940 06514 31319 37934 48311 33613 86702 07518
25892 10622 38238 59139 93403 99195 44719 95592 93530 62393
34358 16251 80113 16723 84692 24001 61403 88715 89629 55231
09820 47723 47316 47063 36653 73659 02929 90219 55145 65910
94283 53249 80384 36610 40520 99209 39454 55140 33356 85688
90278 36093 45624 51240 72588 87870 43036 17952 39463 64116
10102 64794 42858 51732 61501 51474 71682 17461 52383 74496
53159 57948 15902 45823 52394 75950 01645 66772 86176 29380
88174 80228 76929 97685 88243 02473 43637 38650 80090 46352
33814 81227 40392 29794 84827 59948 13723 81720 25162 44753
87090 84172 39061 98435 32599 77953 42985 12196 67308 57121
47326 78201 28108 61380 01811 76308 45408 73400 48031 30475
93956 16718 27550 43011 32831 99387 18995 73841 70517 83145
02613 56978 16025 82748 75687 71393 01980 25164 67279 08467
90621 23327 25724 03204 98653 44120 77311 21411 01871 75292
79607 20024 05520 20983 17825 22752 91313 80544 17719 78275
57704 90363 73403 93025 49720 33351 13562 56155 58212 45793
54465 98199 76262 76257 13252 51298 71866 76239 79886 02759
43947 27228 71262 59285 12230 33889 15859 64038 71295 38047
42412 33711 44724 33161 71015 07816 00273 83966 30112 27367
12027 80989 47793 85141 80466 84606 90854 14709 46370 38342
50049 10425 59516 56098 94956 95561 88096 12992 46932 80774
79796 94491 43551 80086 10469 83546 92997 76580 81343 90393
41831 54987 50715 54717 04573 43351 11035 74873 28540 30973
47345 43842 92377 54799 38019 96608 61714 71468 83695 98661
50388 57177 75398 30285 60675 02576 37737 46343 00958 94864
08154 16242 04274 04287 38133 73750 96180 17203 27330 31374
85377 82938 26540 38968 75511 66582 70458 91276 21620 24932
26161 14080 79632 47775 68243 83648 22385 31685 16558 59184
20567 78524 97488 32936 12055 35849 14697 27676 08053 21382
40277 96232 09500 98768 62259 02761 32155 96786 49400 90430
63821 89191 19194 65238 02133 77408 20040 50613 46343 43230
63520 92516 41560 63730 67695 19711 98853 05571 97387 88893
39689 40884 12365 69390 38101 51937 59376 47073 59071 16739
68974 52213 16529 92801 43053 40944 99419 41232 44057 85026
39276 58342 21776 49600 17732 06963 38684 63614 37414 64659
79747 12617 04652 31021 57643 08598 97438 61229 49323 16571
17089 18076 24870 42579 47017 59624 54564 12816 67088 04713
05125 98543 96973 43465 61038 66506 66943 85017 31925 59509
39538 59636 31881 36870 30564 17415 41724 29419 02834 90745
90096 70411 0000

11129/9082/7344 kHz, 13-10, 1015/1025/1035 UTC

83346 36357 37701 71105 22748 85045 46881 82309 88405 77051
03114 32694 27348 11447 96471 21130 51479 10531 27289 68498
36286 82076 61159 11442 83300 00427 78176 67290 38533 67379
21092 93631 84037 38791 72096 90941 44820 27843 12892 21714
78255 20905 47762 44543 38222 66932 94307 86573 31124 26335

71554 02775 05997 90263 40108 95460 45882 06234 74045 92515
52665 71041 69235 07730 42547 76897 17770 31719 94355 21730
03200 26834 17876 71073 00000

30294 26293 65901 17410 44270 60045 45735 30429 71099 65263
39195 94646 77055 20848 53459 84298 00090 25420 00947 33048
41308 23441 73659 24410 10832 03297 77375 81487 70255 78301
80399 29472 38862 86544 56548 29322 55800 70521 27067 06081
15405 22490 31152 20258 17852 06488 79778 55712 02329 92939
72517 22476 54916 66812 82023 97961 08359 95231 35892 54987
75927 65513 50564 50041 86538 29542 96965 70259 13341 15439
02584 62515 12940 92441 19641 93081 17461 99955 14085 11299
46624 76696 55057 15679 32032 50871 09540 72087 00000

11129/9082/7344 kHz, 14-10, 1015/1025/1035 UTC

88647 99499 85279 61727 56552 92758 04920 49998 64960 53558
20186 70081 21151 98439 89544 68095 99638 94590 96950 78923
25401 94697 19881 35141 62270 97686 26766 22921 36197 83772
46003 95841 48060 97268 73735 82548 55717 75579 12595 49203
29978 47833 58582 02644 14197 51570 78286 45217 42157 40943
43616 17207 93953 84854 16243 87787 94541 78472 98938 80462
84658 16565 95994 43907 18787 02092 49907 04160 69862 88475
46528 59095 45406 79018 05847 01128 44766 31869 00620 79068
12170 44004 70007 35081 65248 12650 20424 77676 03755 97577
30778 76674 28132 32720 04303 91079 22640 60539 34145 65805
82715 87588 74920 58178 91259 84699 37407 80171 73540 80240
48574 67293 85395 19873 44132 10075 14420 91255 85781 09095
98831 37121 20369 39474 93705 05176 23114 35783 39247 08245
92110 33293 10817 93119 86285 26518 55369 41524 24003 30973
44013 51653 84491 59097 95368 73713 79306 46275 49414 97903
85985 87888 96509 18281 61106 73342 91278 20930 74924 28006
06048 69902 34776 98994 03520 89334 89449 45743 33377 65203
31685 21293 82489 15139 41024 55250 33434 99751 34161 74335
10993 73892 15018 21467 21336 01298 41700 59320 13563 81044
52545 69297 18292 59268 18431 81842 42990 24561 13549 99043
28738 10510 21820 95455 98089 53790 21138 08084 48748 81276
12639 51470 72724 24580 87172 18803 05673 85476 46170 55014
36085 00646 19098 12771 29044 79164 44671 27333 44206 11190
08036 71174 52719 71278 51084 74346 82743 64762 98113 21492
48282 90638 63996 61455 40996 19387 37057 90431 89692 09185
53851 94589 17182 08920 08019 63102 49181 21471 60411 07523
54957 25672 42672 48449 24399 80407 71467 55415 11195 59275
15542 50931 96819 89251 82799 14630 55003 91798 19590 48449
21381 49850 39387 88779 98002 49116 23055 76529 47391 67134
57873 21033 55847 08524 07535 18749 70670 09858 30272 12673
41000 62608 87325 03420 16954 27592 08930 47897 86754 39360
10004 06516 56537 23966 72738 24874 02510 78546 38266 60851
50177 86161 74595 93047 60291 64322 13012 71513 26239 70652
70112 96693 12529 14105 97681 37541 89093 45197 27580 24721
41073 23681 03844 79853 58771 87085 19176 66728 37479 68585
98024 75431 41852 37621 93425 75311 14518 61708 89803 97745
33620 12876 28917 34612 48960 67170 01140 63436 51460 70670
69255 35127 55593 70432 16965 85246 99506 33825 39282 54761
92496 04670 17017 31195 64541 69647 42526 46133 97567 33385
88922 90011 43143 25677 39924 30128 56289 89273 22540 42815
00084 21673 09775 95705 00761 69349 85538 41043 57979 97864
88952 05952 39964 86300 80238 90629 18186 19434 95370 10383
21293 76115 81695 42440 12952 37265 31686 63503 23322 61946
57036 88944 88811 04933 70266 73435 00000

11129/9082/7344 kHz, 15-10, 1015/1025/1035 UTC

89974 76103 95999 68137 49045 64494 70231 36128 50401 64523
67759 66446 94214 38738 84796 32526 84448 65921 85059 76940
28954 35300 39549 54088 71685 01391 69568 89010 05493 41693
03889 06993 38905 84386 86025 13661 15372 98243 92534 30260
08365 61939 48298 13782 40813 54929 49703 16655 02281 37116
31685 65670 62337 09460 39539 64830 03566 72734 91471 51810
22626 26620 42795 62727 72827 76314 87734 84889 46643 38849
59760 02225 21605 66300 16397 74075 00000

23177 88546 18329 45110 09413 13111 18525 85203 66679 89579
82297 65013 39503 67800 69988 16792 16865 06231 16644 04511
37348 66420 48142 23269 79930 35703 38444 04261 82599 89063
62632 98761 56001 26087 25451 39543 84284 43955 70010 03175
30343 32411 96363 21635 87643 01630 44630 16683 45817 78948
22356 55418 62213 35364 80800 50470 56595 27772 69842 53254
71167 67852 26179 13729 63121 53558 74512 05100 21896 24140
46423 36895 28320 24642 46593 04869 97847 90803 21089 51143
75058 90320 07379 33056 71613 75085 00000

11129/9082/7344 kHz, 16-10, 1015/1025/1035 UTC

Null message: 5761 00000

11129/9082/7344 kHz, 19-10, 1015/1025/1035 UTC

72746 28278 94476 03632 42590 40144 50922 90879 01086 29736
13650 24360 97688 08665 37376 35937 58106 12374 08851 82095
53404 14432 62113 38950 68827 39373 86412 60643 89507 60007
56505 49548 45260 90131 39999 11735 81648 08605 61428 96124
49498 75693 27763 40771 30068 27645 45031 74709 38046 60427
80735 48812 69561 38556 51765 94079 87413 89962 42479 30820
60685 72832 82655 77131 00946 25359 39987 30153 62218 34337
06823 18495 96910 83546 85827 49305 84877 67857 04260 98401
77835 83997 11547 16901 26274 33910 39851 52802 81092 01660
32312 10936 87123 89794 68649 99735 10737 26135 42817 38267
68714 76898 72398 21941 50586 27112 44424 70360 51607 14252
27306 05730 58565 26039 03567 35277 55608 98333 03067 36102
42284 74062 41395 65919 80969 09124 93136 48109 15881 36198
54677 04523 30858 22409 76257 34480 38101 81766 67944 63396
15059 28338 09226 09477 31639 81072 16893 41914 34945 56227
50922 29024 83720 08330 63028 99762 49681 05612 17581 67065
27939 50847 39570 86427 23686 83552 69314 48188 07344 24453
28593 26936 55347 48191 27887 36486 18774 95178 69430 63853
86977 58556 25738 80678 38444 07186 98321 55521 96028 30614
86255 15478 28783 16947 19308 30550 67549 99573 35299 19206
26514 33674 06386 98565 47900 88447 43972 27661 11998 66002
36901 17194 79711 82847 02651 04236 59814 74913 56197 15309
18096 12048 26249 66283 70597 32921 73519 72524 28108 36282
90749 67736 84125 89495 89154 54932 63456 40304 00974 37972
73653 42749 52837 07100 26464 33190 89604 76930 21499 17361
53393 00308 09280 54393 47461 06483 75881 48758 39642 37044
16337 86047 85021 78044 89004 73546 72539 11748 68069 71524
25199 36449 36393 26189 08584 27798 85866 40236 27361 40059
17481 41937 14457 70757 58287 38693 42604 37136 37444 66007
12927 37867 88522 67802 00280 98457 70287 69016 59996 23784
23103 26430 25766 06186 03184 68652 53299 62575 61860 61200
89489 98979 62053 57614 71748 25963 49141 22552 87202 73369
18407 37784 46439 77812 46264 27044 51501 41367 77426 60659
62792 84875 85234 25909 94605 44337 47304 74034 93952 83784
03702 79858 82376 23115 89824 74927 65442 04292 61173 40137
39594 44369 52207 68760 51055 48763 36473 35828 86477 83223
80184 34792 00006 27922 06454 67408 06462 62122 12345 97790
95327 52838 05959 06550 45217 45947 55714 05974 43524 83171
69030 02179 40928 93384 42591 15177 95463 31664 51373 92777

85810 64543 68637 79291 98529 24884 34063 24941 18890 84821
12212 46941 80019 20213 08512 78177 50022 65023 34952 64412
61791 79094 42671 95969 15169 77728 63618 84831 06165 96522
28501 23075 62917 76423 00000

11129/9082/7344 kHz, 20-10, 1015/1025/1035 UTC

84282 61475 53687 69056 57799 87775 27901 99282 32763 21903
95746 27984 40723 69422 99188 10661 62573 26776 55282 81772
91587 40191 69442 14867 02797 96316 07418 76156 89649 49297
49382 88753 53907 13957 74597 49723 59680 79775 50079 67164
87580 25369 21704 09498 49894 38128 31194 84142 52740 68736
07423 87781 16129 75224 05468 95391 87870 36275 91862 80234
12275 38446 99468 81988 39565 67010 00422 65214 86955 55092
70579 35342 87332 70798 43905 04362 86458 47021 80242 23408
74656 83601 94890 24434 63909 76551 23451 38145 46292 54006
20348 80394 94707 77093 00000

83497 93396 16871 49571 41884 33355 94587 16730 15373 13407
78492 57524 40831 23827 24630 50493 77531 68853 68621 20886
62437 61897 95457 58381 42548 06000 35565 66152 63982 57992
79319 02220 22479 99776 27220 99023 05023 65173 17878 72159
77262 95775 01038 54210 96416 24247 47797 14610 54366 08492
15230 51487 80594 65142 07580 66414 59690 75812 01234 58000
43084 64520 25649 95280 59709 69764 17421 56817 55282 59644
89689 46465 14876 63502 84058 21735 48482 84996 97228 95694
44263 78081 00000

11129/9082/7344 kHz, 21-10, 1015/1025/1035 UTC

35996 83846 25795 62020 65635 71468 41002 23472 99479 71184 79861
58111 69213 76651 61792 93769 42675 45491 42069 17640 84908 23311
25662 14213 91581 29540 90151 48617 49454 78510 84921 31316 03579
34245 98798 25076 35941 22357 13348 80173 85196 47529 83990 08749
62219 89991 16146 34266 41138 79440 28582 77001 30542 69836 21156
61512 54557 63518 89141 57009 98468 58078 51320 86578 98580 14414
84035 66189 81009 69421 78387 59426 79078 41752 62763 58877 84024
04070 57880 30122 08689 20254 56545 79258 68876 70977 45300 29893
12094 16102 10157 20550 48323 67333 93594 58426 62542 69556 95017
90426 13669 14309 31861 77428 49619 33821 03521 82701 93162 49050
25313 10429 78273 70166 24628 55258 41648 72914 16491 48833 99091
99289 00697 14227 61456 55969 47718 64229 69816 08937 65571 04416
54563 97730 64819 26942 48125 17767 63918 05993 05979 44157 02075
30837 15653 95472 51812 37410 98403 60889 48434 24376 33261 39143
78568 64589 58120 62744 94978 47921 27568 05884 49835 16349 32146
99459 63629 77290 08716 01684 71921 06081 96630 97680 17109 73560
19397 26532 77392 59687 96504 59205 50153 39126 15130 75786 31897
49752 16378 15479 61974 79996 75776 97786 22259 35978 82684 38330
09966 74359 48321 07726 25809 11861 97088 06971 44669 47378 20892
57767 60976 57623 01126 31230 25981 52251 28033 63407 19117 99388
72105 31054 20617 57514 87230 86098 77606 74620 50258 72241 80820
40598 66684 72113 94172 03790 97134 58441 04325 87627 84332 47660
82481 68315 85251 79392 75563 99481 38121 70255 68974 94738 18993
15415 88131 04096 67535 36335 30953 45153 86759 98153 48495 75017
46363 45125 15915 13885 44364 27570 60956 56211 06729 18759 42141
30424 29680 45184 93858 93109 94357 78642 80531 68600 08542 63569
27053 69922 55104 78072 17687 62017 51893 52088 80604 53192 52726
91105 00254 25729 44185 78892 24756 41593 17903 57671 60500 84170
23023 09160 71138 21989 28517 84942 23159 05338 50065 59586 45232
31741 21167 04953 93509 41218 13176 09133 40075 27258 33953 88460
26717 74466 59818 66012 51229 58800 80489 15069 78414 71340 61702
90935 92985 51539 55185 99593 36543 40876 10691 76599 95828 92859
69763 74676 34434 00319 45938 83434 85147 25913 21039 29657 45146
46803 12295 31592 41194 49422 89934 05686 57054 35280 49956 49190
40296 23740 71763 47094 30681 62703 15356 76802 77318 83148 37747

09011 36784 58450 33320 28204 69373 54418 27788 21227 75695 81007
80461 07359 40781 81610 74497 08319 77900 20900 99830 81666 89278
57132 58464 66007 85882 09869 46813 11454 33488 59040 94782 93781
17201 36301 66277 79421 00000

11129/9082/7344 kHz, 22-10, 1015/1025/1035 UTC

94348 59529 92066 73990 35093 99494 48419 14834 17031 09427
57399 46861 65443 56039 29114 78298 84899 54430 75364 24673
10638 43764 81786 38258 99506 60699 68755 81355 40138 09011
33251 04365 87046 48844 88865 14578 48342 54031 46143 46630
81747 10916 00443 70550 78600 57111 19503 98349 40529 83649
47906 75077 78496 48934 70618 65290 88891 77957 02805 70866
86363 45200 98102 41111 98073 64668 92529 61078 49066 35491
26238 29052 93441 16523 10273 59133 71013 28390 30554 69854
94144 06414 06238 44769 94443 52848 44671 75949 84011 61877
60105 26340 10936 15799 48380 80095 00000

26032 37884 17252 60546 63904 13201 37572 50649 06054 27736
57226 23949 48376 21891 57787 61133 33449 79218 85408 09941
59792 66525 20107 75310 51404 75255 51390 41281 85969 56314
21171 29307 05212 65553 19904 22693 55799 62072 46882 11824
34263 26555 70631 39888 34357 91800 50339 53775 20288 02655
04257 89837 74275 47526 36012 49196 91849 28660 54769 42297
23358 63387 50174 07382 85084 33498 08022 32581 88447 24967
77582 36296 60696 25180 26531 85584 55546 69882 44405 57209
77198 57012 80537 81083 00000

11129/9082/7344 kHz, 23-10, 1015/1025/1035 UTC

Null message: 5761 00000

11129/9082/7344 kHz, 26-10, 1015/1025/1035 UTC

05160 60620 80233 41047 39823 37171 15791 65970 15654 50032
36818 95622 91101 86151 26559 63784 97839 92737 40274 17817
03016 32260 98975 81128 90347 31687 54373 71602 21009 30645
48427 93169 60230 58199 15988 42709 80569 92928 03926 99471
77769 85989 05210 89211 60161 51858 31359 40207 97530 56437
71717 73367 40402 57204 12976 93612 45666 75114 17391 74700
69494 02909 83130 54706 13474 79556 35183 84334 34905 85481
20277 95244 57196 38287 04234 80586 41293 93651 95206 04934
04080 81090 41235 85795 94691 29265 75546 13894 64677 60535
08057 04410 92937 59432 86495 96363 51402 44748 75601 42328
22350 99925 27819 55668 03337 41436 43934 07479 60658 29831
47094 90425 17281 53162 18640 91659 86186 37444 69195 42008
85062 63866 43446 33621 93279 97419 82043 23257 37089 56642
89086 63406 13985 79167 78592 28436 92153 62756 98422 27934
45977 86506 55075 24452 13488 41925 87805 97833 86747 28555
65493 23306 71068 93835 04700 55533 74023 21888 32361 35812
10720 09215 41543 64597 32453 23929 13698 06554 26176 02384
05868 20307 26536 97600 26266 30096 45619 99467 46670 81501
19801 07225 25071 48448 13504 91982 37021 83660 40234 45667
39096 29770 86846 46077 12939 33243 51963 92741 63297 28338
34491 93263 68505 83269 33182 04851 06848 25755 43154 60689
07232 90161 60334 35891 97624 53408 29738 32661 49674 51828
98541 89399 42958 96181 59877 43418 97306 26996 98282 01950
46619 77420 72752 01157 52632 35801 98323 57803 82059 25137
12136 43303 95552 41624 34898 34807 21911 19473 63704 23036
15988 14174 57135 81539 23722 21414 98585 27061 02738 73823
48743 25713 71949 82743 23173 24634 88604 17199 55933 13822
76207 37262 35169 47833 51758 24012 21605 82035 25750 73242
85898 03086 73351 45149 25770 58353 00221 87141 48859 13938
51389 72004 32239 96001 36642 18563 94529 95079 70846 87067
41546 38077 52657 66465 71420 57618 30035 95758 50129 13453
26023 86627 93378 45602 23217 39516 15761 63922 30354 70356

33146 03793 79478 90129 29228 02596 27108 04445 22163 76690
57841 25327 92259 03557 13839 12392 56620 38806 98631 85613
01711 22749 28677 76853 09766 56185 31101 12352 39986 50136
11081 43359 50458 79180 37286 67102 71726 93093 18825 05272
67974 66476 72133 32210 46732 91057 01243 70000 03062 40361
39862 92634 09148 61425 28717 06455 85242 73253 26580 99042
12888 76702 78425 73765 76368 05471 89156 12141 43318 72901
76331 31236 20428 94258 00335 28260 45188 89191 95424 29561
99599 94057 50099 86196 56804 38794 10215 83282 96553 68033
03295 55291 50467 11136 07474 24502 63013 30845 13495 04772
79146 05240 53228 37842 94550 82425 00000

11129/9082/7344 kHz, 23-10, 1015/1025/1035 UTC

21327 70581 57858 29158 34761 05984 91553 58681 75815 19370
03637 67822 79884 05262 29493 22345 94998 74888 55606 81397
25572 68649 50656 96753 47334 24546 76399 10970 16898 19751
64280 84165 24384 27511 68691 04099 62562 56569 32838 59231
10925 65296 28134 79470 58140 67713 53079 74270 11324 73596
02533 22791 65566 29858 43346 95789 32149 55372 57277 13941
48885 86457 37123 72264 21039 75185 47021 85366 66236 07707
82839 33155 61822 34790 93611 11737 18100 31751 49930 19182
25880 29963 70269 30832 51788 83085 00000

91830 28949 20896 85175 18203 10951 85025 93523 83873 86206
32041 63433 13363 62150 98304 47700 00502 32236 47550 22282
86579 85405 11958 60463 74912 97681 43886 60244 11522 54332
20430 35882 86624 76035 67999 09540 36597 47484 99106 63966
51126 71878 78544 42142 15221 99720 61148 04851 40770 05376
68332 82080 67344 09821 95574 79223 36923 73016 68051 23995
72228 04356 86603 65005 13368 64605 31220 57942 92462 57801
14233 00278 50947 36507 00401 00452 29242 84077 00000

11129/9082/7344 kHz, 23-10, 1015/1025/1035 UTC

57319 26249 39076 21469 36558 11842 33482 22879 76368 03891
04684 63659 54015 10361 75783 50692 35822 97422 25359 90518
97726 35952 38730 39402 44366 40714 22602 70293 12636 31901
31521 98871 70657 73723 79590 35860 48092 69744 35871 57794
58747 19637 26919 13438 01396 67049 94879 08029 49763 93278
84593 32547 67609 36430 58143 30185 09842 40749 60272 17220
95609 65824 83129 00459 64302 10330 03759 58463 50393 30018
92787 78721 38079 54628 17742 67970 81629 33417 89421 77851
02405 63980 24791 13078 98468 84071 24801 14322 27735 31092
90596 32981 50591 98946 26535 40039 42929 46946 03463 36190
15520 40452 80683 55423 00682 27945 10050 79247 92166 84207
70627 03751 49202 74308 07364 26682 00643 18073 72188 46733
10142 59729 91003 92223 88310 72419 04988 21359 62776 52261
59648 61265 42092 81649 40073 77976 34434 66477 75803 94570
07017 76976 63780 99631 97174 46860 82788 13237 11034 10445
97850 02650 70723 82458 77985 64906 96060 10203 75799 18479
31644 52776 42323 71224 55293 67026 75535 56769 28775 04931
26026 56554 76754 52094 08221 49709 04904 62042 90604 57937
93105 66009 63397 77617 24701 62890 07096 16299 37696 19073
10346 75772 08896 32806 10556 48917 06869 42810 55709 22501
74709 85822 10804 03128 28516 32740 57356 08514 82533 58075
59412 91287 36886 22399 94499 87492 88858 72449 72951 06986
53634 88617 94062 07923 05455 34475 12479 22505 75126 88042
13298 26185 64802 59482 19283 67528 66000 24908 78654 00886
91769 30992 06876 89105 58964 50061 80890 68443 81544 90370
09233 92863 60854 91235 26449 99929 83811 57724 85288 65461
64937 14575 45067 39149 93183 84051 79675 78308 69468 17404
53645 21979 45883 34636 39720 72522 02492 52255 76368 76953
22668 03702 88679 25139 52900 82140 21069 07101 58013 60304
55240 96573 07735 67074 11843 53029 55543 25485 59254 59335

95743 81848 77923 37259 09704 80667 53734 07981 37183 65053
98791 89816 33701 07305 23098 50334 99876 99356 05545 55060
93675 57779 37655 79941 61514 23018 38517 79776 49134 57551
64353 29783 78212 72670 61144 82506 99625 38555 33770 07236
59315 57340 30080 04139 37679 03853 63353 10283 48450 63720
21565 39743 07973 23526 36914 24976 10833 92695 14042 51654
72772 61827 40372 04144 26823 27114 27026 63811 83606 35582
53740 27356 91726 30811 16219 37341 59198 03832 99374 42131
21851 78883 24878 27396 69642 88732 46464 86400 66813 19213
91431 21239 26837 27708 71769 92218 28088 65236 13349 57578
81164 56844 76620 85403 00000

11129/9082/7344 kHz, 29-10, 1015/1025/1035 UTC

09477 26940 72735 19234 89952 12724 87738 69879 47389 51316
89595 82936 27916 12107 93989 55449 84903 77644 67152 61035
73707 36108 81985 99235 42214 52786 69201 19979 96875 18995
55674 84070 48919 01880 07180 45656 70417 43526 17720 67599
14919 82833 12620 05701 82301 98570 57580 22707 32569 97068
90867 18043 78243 92973 20850 84198 10074 56509 56037 25720
35725 25675 59843 01730 36139 06826 47226 77925 69271 12074
65429 98983 75866 06929 25973 17316 66975 66649 80119 39104
97903 64707 54970 73567 58266 41827 92403 96375 32845 29025
58025 63176 12936 23093 12334 86095 00000

53455 30275 99871 48403 84155 05191 30639 28781 46794 62259
36041 59523 36248 73695 41295 62389 14712 92436 95924 84193
87226 73546 99536 19429 83557 27356 86287 26352 07362 09037
91476 53706 38572 74280 48713 20288 99942 55780 91075 14517
23695 40208 54724 06231 79197 50356 08385 87856 47617 62150
57149 87182 54481 11212 94035 18883 96086 68653 97735 67009
20699 90808 99987 15626 50464 72568 71023 69771 54990 59022
96513 33947 12524 87073 00000

11129/9082/7344 kHz, 30-10, 1015/1025/1035 UTC

Null message: 5761 00000

F06 – FSK 200/1000

Link 00052

19986/17549/15654 kHz, 14-10/15-10, 0800/0810/0820 UTC

11166 00052 85274 14070 02389
07339 06643 25218 11505 50641 13081 25299 42667 36120 78224
36609 95048 97202 69599 23903 03041 91938 02988 18600 61310
37194 48716 93995 19617 73155 39614 48780 19138 19349 16561
78538 68727 49716 72573 39928 84563 84570 81361 37223 41603
41642 21302 85904 10297 13392 30747 32993 76990 62781 55632
38805 71463 54688 75298 49820 50019 65150 17475 17357 07599
35635 98361 41727 17319 64513 48745 46570 20895 52923 12093
13056 18386 47224 25545 28630 30684 45215 19770 30000 33202
58309 98590 45052 84187 46858 84344 63371 96102 70803 39895
90075 23507 22847 03247 62625 65888 36337 95693 35317 08864
85032 89440 61135 52199 16971 45630 25662 98091 89582 58727
12715 98127 98283 68179 06420 82382 15694 23302 59392 19085
83705 12330 81718 78275 25553 91556 30432 97921 70105 75516
04155 75899 05546 74135 72611 36295 04630 87795 95689 43465
88720 96239 11741 62281 22780 02276 99801 88007 58498 16183
45438 94246 67760 91799 64881 72380 33632 50193 67155 60965
91052 51872 58881 88494 34420 03471 21445 77984 34260 09840
15214 86811 30165 07491 90491 80241 92188 40321 09902 62086
67885 63560 11879 10932 57184 86884 69971 95360 82278 92619
27617 66627 44722 89983 13108 52203 86926 91299 64413 98641
00236 21127 18550 37200 46764 94225 45197 70647 87207 23319

29236 04704 31783 42571 31896 72545 56507 57730 85208 25817
51996 58864 99451 90579 96970 56634 88258 11641 73649 28042
41102 33704 67240 82582 97822 92764 70236 00000

19986/17549/15654 kHz, 28-10/29-10, 0800/0810/0820 UTC

11166 00052 73159 28071 02529
58252 50827 74635 28032 40360 21538 14092 80126 36120 61578
50914 55447 74523 12747 46899 02004 70063 52181 92498 70867
12367 21873 73129 41437 35018 47723 83224 85466 69716 27851
86483 62057 89967 94807 45751 60789 95508 81424 70955 35190
48379 44949 58557 93714 96599 29170 20941 40443 46382 69225
29178 82664 68813 68765 17614 47545 51948 04175 23702 75067
34251 35520 61536 79426 80320 28943 52508 96067 84842 20143
61529 56559 15694 73683 12263 58486 32154 17769 79789 22542
39144 59206 84158 54031 63442 08230 33254 50935 62808 67873
88409 25761 03957 67582 51223 33345 70313 45750 94990 21794
85496 10875 89219 48765 63456 36004 90631 30267 21214 66178
99114 14159 15134 43548 02057 95551 86670 79852 55487 16292
28524 30948 75480 15709 07142 53076 38246 24826 02512 45561
12348 21207 51169 09614 71495 86648 03372 77941 61327 34876
30368 94844 18652 01461 42698 51487 66550 13121 05479 06034
33812 78613 61582 43335 72108 68386 98677 53855 69370 75194
21045 36515 82790 72860 12123 55165 39886 15362 98710 03343
81076 43442 52767 57027 42196 90930 91747 20071 00384 07949
63409 91985 31791 43210 26035 12789 54551 52578 59995 64584
55425 26089 71602 34568 23590 50618 75180 69148 39985 50372
64304 73864 95667 72409 08129 38798 37608 09363 33753 94160
65358 76555 80566 25732 27049 85703 37494 04871 88128 82384
99092 12743 71299 39461 01440 63487 91081 23657 23729 55993
31448 77458 66547 08977 39952 83532 42726 59042 36807 03865
41750 26429 62343 10775 53618 78112 11273 52030 63134 42959
71250 00000

Link 10053

12189/10734/9129 kHz, 04-10, 1530/1540/1550 UTC

11166 10053 12347 04001 00049 00000 00000 00000 00000

12215/10817/9046 kHz, 06-10, 1650/1700/1710 UTC

11166 10053 25836 06001 00049 00000 00000 00000 00000

12189/10734/9129 kHz, 11-10, 1530/1540/1550 UTC

11166 10053 36987 11001 00049 00000 00000 00000 00000

12215/10817/9046 kHz, 13-10, 1650/1700/1710 UTC

11166 10053 45689 13021 00049 00000 00000 00000 00000

12189/10734/9129 kHz, 18-10, 1530/1540/1550 UTC

11166 10053 12378 18001 00049 00000 00000 00000 00000

12215/10817/9046 kHz, 20-10, 1650/1700/1710 UTC

11166 10053 14789 20001 00049 00000 00000 00000 00000

12189/10734/9129 kHz, 25-10, 1530/1540/1550 UTC

11166 10053 14789 25069 00049 00000 00000 00000 00000

12215/10817/9046 kHz, 27-10, 1650/1700/1710 UTC

11166 10053 75321 27001 00049 00000 00000 00000 00000

Link 40122

19268/17548/15779 kHz, 01-10, 0600/0610/0620 UTC

11166 40122 26458 26009 03029
22163 21396 04669 24763 09822 12757 14212 73176 40431 33803
85896 96189 40065 62922 26773 79617 65609 98586 74398 12196
40502 31787 27738 83839 64782 90040 35974 73455 72898 20174
81172 05990 37707 02066 15724 83405 44096 10526 40509 19272
80680 67512 34732 31649 23000 51869 73342 73972 06655 58763
92996 08600 13826 26027 92490 52732 21607 69569 78605 51380
85592 95073 93295 57070 57155 78134 83168 20974 57858 30053
97181 25156 59425 91454 23500 10619 42719 20934 01456 80835
34167 70900 69540 85460 43049 67824 35367 13903 48123 39056
78545 53448 06989 53429 22406 91623 86648 67803 35508 67483
38695 96766 48866 01510 67571 47658 99843 58817 65326 88121
38641 25341 11316 38355 58316 01702 60286 05263 34284 44439

67267 00687 84219 09286 22721 10903 84312 76192 96387 09586
02807 60765 13254 31405 36761 41828 10088 48464 62970 59778
45982 16750 38986 65435 65337 84796 15171 24060 36719 81740
43722 04241 16038 26957 95616 06332 07483 28469 21386 10128
20640 62306 16695 46460 47245 50022 78628 22416 06004 76526
63649 54847 28914 15449 83144 91878 87526 54206 97513 27082
82586 35964 94724 36019 45499 60678 64285 89837 25033 12413
02558 25596 57731 05105 10361 78024 45441 63982 68791 02393
88414 84811 04212 43181 47411 38162 78330 28242 33242 10880
64317 93128 47195 01955 94894 65301 20773 14973 93339 62867
28189 14334 23326 87575 70051 37430 18560 16724 51678 79962
78136 23689 04475 96598 38552 81750 23823 84145 58319 30909
21906 39423 76115 12375 18910 09046 28401 00423 21048 73275
37454 86297 58835 31145 05747 93855 84055 79045 77607 31638
48853 99951 54112 11048 15402 05479 72126 85337 69564 97964
83451 89078 37002 44756 95006 82805 25161 81884 55974 32534
39574 89333 02868 78816 47916 05069 98440 75040 90255 70028
25382 99659 58928 21253 20729 72027 96478 75355 61953 26539
09300 00000

11166 40122 12943 26010 02809
85111 69502 40629 24758 26077 52110 84649 10219 32440 40427
14905 35598 83661 87207 47379 16926 15439 23643 76592 94545
43232 70766 01324 05493 42925 36482 78562 96994 37047 40445
16615 35761 60002 33951 43316 92769 00740 07031 10267 08227
46301 99947 19049 66389 74686 61269 80352 34940 70472 19717
41947 48598 61623 61958 46437 41655 00929 33564 04747 59131
40512 05277 96255 01225 72837 71814 31540 80747 36660 75373
38643 98250 11361 71027 58824 64495 48085 76205 62712 24986
11150 71450 22812 66238 28132 44620 03288 08476 72088 95739
52982 14432 24344 44691 12582 68961 91281 08913 71888 09140
73574 43309 38125 09529 11298 59562 01210 52315 53357 67012
06947 37001 24667 02320 74057 09321 89524 40075 16004 14097
34614 01562 53529 01701 20072 03843 28862 42818 72059 16374
57515 31204 15277 17319 78622 79106 68855 66761 89749 35063
54065 39000 77105 78738 87279 81109 77118 72510 56627 89962
30277 74473 05779 24894 13213 42557 73290 98197 59928 84451
60961 10643 08134 33013 29628 24198 31609 51847 45836 89146
44547 00762 27832 67792 88802 15761 64307 21921 39988 83284
04332 56233 93359 13372 41917 34915 15417 41433 43654 13535
72174 13333 92836 53474 70020 33451 48547 11052 70117 80423
43107 18550 62270 20250 66346 99321 09212 71445 10134 84163
97226 01935 71588 21151 54068 62371 38429 96112 20092 85571
04882 05945 83556 06744 91600 51935 16016 84213 68020 45300
68745 25321 00598 42119 16150 47178 75357 49838 57072 26981
68203 72563 09954 21564 61414 87289 62780 60865 29772 68291
63748 45028 44754 01833 63594 99778 70227 58407 45520 69811
48094 14677 03653 54838 97300 42310 55977 18007 74677 05901
02684 21369 71023 37156 65853 68086 40886 77539 10278 00000

19268/17548/15779 kHz, 07-10/08-10, 0600/0610/0620 UTC

11166 40122 25698 03011 03499
29168 76117 19723 22103 81089 63023 90645 58187 66417 02009
86266 34588 14011 38518 14545 69780 84666 93694 42018 75535
07635 40722 44241 52844 78954 90238 01628 14881 95039 52025
76639 16711 19960 65156 33268 96420 09849 13783 84726 57363
42873 70757 80314 46205 28220 36275 67371 06459 92506 63724
89271 12193 67088 89923 05386 11604 24666 11953 43956 35144
38659 77745 23823 47877 63766 82639 05926 50773 61150 89071
60538 60603 16700 11610 61156 23145 25783 34499 40988 39373
42953 53914 72975 09324 20025 62110 59289 23323 80973 15655
41239 55270 07083 54928 65520 37652 30787 67078 67762 22992
61643 09630 59279 61401 92864 36909 28000 48941 61865 96507

89484 26471 63240 87934 48976 33665 37625 00678 60433 47901
84877 73840 93461 62697 75005 44545 44104 85387 55289 77300
50405 58717 77036 91509 98711 36062 90398 29309 31615 64939
80692 30931 93512 58511 44664 09768 74684 59764 30130 44336
39859 28050 87440 29321 52176 02680 06184 52885 28505 23250
35599 92443 87046 11406 12104 46076 73157 43706 42395 41775
74332 70295 15553 91711 60286 59065 42583 83707 09073 69982
46844 27106 05173 89296 53785 95217 20494 78278 53438 31546
14220 16217 34108 11958 12440 42323 10681 80006 53505 26263
96009 97586 10046 21982 88797 78105 23582 84516 76419 94361
12674 54493 76133 78319 40540 39976 63099 54967 53091 50371
58651 77440 23307 62078 77267 55606 62899 20549 55665 95290
87201 08478 12462 90335 44211 34779 11840 34681 43740 24064
29656 46649 47587 11283 45428 22624 06693 71239 08633 62315
56206 37648 52767 32791 04387 91438 55593 63465 76304 22976
69017 89229 98258 97905 67030 83924 33850 81284 85155 51317
07662 99715 49841 65801 77470 46149 21219 79976 40923 57048
97697 41323 87638 16609 55794 85136 32642 67711 23664 95922
92096 34309 11761 54440 87249 84914 49059 12570 87541 91903
98284 63208 28812 66293 48581 97363 67546 72702 09061 65650
57085 54178 51668 86363 56750 21567 76800 67324 09819 87126
00118 33679 51279 47064 83979 78847 31312 42688 61955 80800
65430 54858 29828 50858 47217 11431 01550 07193 84600 12367
53570 90227 45597 02217 05981 62121 24468 11347 00000

19268/17548/15779 kHz, 14-10/15-10, 0600/0610/0620 UTC

11166 40122 63957 10012 03129
07709 27407 93189 70017 75968 51056 59420 22236 48154 96244
50718 25715 01569 48785 67607 15373 47302 21618 37264 14469
13547 90155 83995 55744 95032 58196 52547 66713 23259 27838
51434 55062 37213 71837 08475 55077 59275 31844 55724 21043
05971 90955 85982 78561 88287 94019 48078 69707 81218 14136
73111 52973 67247 88780 48831 43938 83426 74002 84353 07597
26774 90113 32399 38285 97646 57336 61231 88135 85795 44813
93495 30018 28784 81443 54136 65878 97451 01972 94586 16433
88123 26768 85412 53140 26240 98730 94604 58406 11102 25765
93697 24937 56416 02261 58911 30200 06330 08013 59502 46913
31640 08015 50504 75513 35867 01583 12052 09528 25876 94213
02480 69794 26744 90655 17369 68475 45542 32590 71744 88784
13740 29390 47607 91376 62905 55380 73976 83334 13398 12037
31646 10697 80731 78568 99834 60449 29307 99310 86916 82934
28188 81376 12421 70599 88621 01001 32492 54044 87982 42007
25990 01273 09833 14846 83424 31122 54773 29635 65912 76778
01797 21645 26331 60332 24807 52652 09883 64305 94004 36627
76225 11087 16825 63155 10383 86220 98107 17069 14609 66474
24205 17693 98392 38631 00689 26163 08804 19944 98366 94252
68348 16184 87286 53131 12540 78229 63414 65508 44356 43122
97672 89593 47790 70534 62038 28308 27654 10589 12369 62188
67857 63957 32662 89419 25318 20184 70424 21435 01710 85171
17842 07520 60228 33765 18439 86854 79565 48361 03914 91439
62277 29506 90835 48335 39732 89391 91893 54653 40832 64201
21383 23748 16688 06246 99622 26023 38443 41816 85972 72817
10422 05701 95170 16789 65807 88297 76638 67238 37017 56261
61479 43814 17979 32625 06831 17038 60487 47332 92265 09075
71828 94114 47941 53200 05865 54656 19165 35401 64757 75978
97076 66529 53532 11988 70133 58473 54653 65122 76080 02765
14812 89026 59096 75060 61106 38208 61807 13953 88802 75594
06844 47516 87868 73950 47645 66061 00462 72067 93181 64514
12310 00000

11166 40122 91376 10013 02709
26563 71680 36292 02850 19943 86051 40328 58048 41646 76140
63775 65980 63184 35318 27564 76671 36619 08548 54728 71390
73739 56979 37131 14985 01489 03893 08912 41909 85868 22919
31377 99384 41475 54496 18988 96123 68872 61473 61160 30054
86979 59816 19546 93493 52676 85357 05493 79199 84788 82499
67369 35726 34668 25849 42439 45551 70537 10685 52968 24383
67785 73216 51269 65099 22422 26563 43346 74755 29848 23397
45851 78089 96158 81177 56024 85977 74145 30928 39305 52262
41196 75480 64317 67396 61275 68128 39896 62347 98175 47636
33856 21185 72225 90523 78186 25805 77641 66578 90358 81214
02712 08529 65433 94819 20001 31812 18658 08165 38762 65379
83237 04539 36740 79470 92971 40901 13559 21306 04440 77568
32879 94617 38426 04082 45514 43970 45271 84713 10686 29804
23833 72030 57616 05139 48752 61970 54637 29873 85706 88852
78008 83618 99338 83770 97627 63012 83544 44802 21827 74431
68822 92470 68433 58061 86346 08900 54290 04247 93478 84095
20422 48064 90386 17798 35029 53058 82464 50330 41510 20074
68242 20899 43677 82120 57469 76762 45380 71211 49062 81724
86704 68118 23608 97375 43939 70963 30093 35530 85504 43606
71575 05289 01025 29744 19452 03172 45729 43681 11042 19750
67374 73692 10149 61225 07877 58917 35302 09381 96831 25735
85361 68354 79124 94541 17172 71664 43805 92882 54958 47924
46419 35865 36141 68689 41985 59792 23272 26870 70807 19964
36766 19144 64299 88567 88122 30816 63025 13608 18324 46555
64127 24812 71091 35442 40336 97438 55705 83781 97757 09939
79043 74097 64610 56402 51568 33759 28105 99721 96903 01674
61666 76425 19733 86487 09665 89100 11674 14718 13268 00000

19268/17548/15779 kHz, 21-10, 0600/0610/0620 UTC

11166 40122 52437 21069 00049 00000 00000 00000 00000

19268/17548/15779 kHz, 28-10/29-10, 0600/0610/0620 UTC

11166 40122 91376 24014 04239
85690 33735 39586 89117 23712 84224 13791 68038 53406 86172
81028 42403 69535 55439 05934 37024 79343 19149 53590 99655
08295 13092 20308 73641 57071 35478 46143 79259 02032 17981
13843 27188 56314 99991 63899 12547 33769 17046 80412 62933
82912 39342 27433 38909 83089 21295 40484 10360 20028 48062
02953 57171 82976 89983 62017 67661 50611 00864 63829 33203
57901 21045 12610 62477 61112 71196 83365 63790 43153 47771
42899 68892 26434 56052 58818 96747 85432 41740 01208 80671
76153 07016 66676 07291 24680 21999 79445 40757 41976 67575
49181 30651 57167 70489 90253 27012 86447 16674 32102 50941
79830 53731 75408 94204 12916 18515 73756 46276 15859 50748
45464 72261 56742 78613 45285 90137 21526 87252 50654 20750
57763 06109 42177 08992 74280 76068 83041 39625 13998 82310
27042 96155 42080 63820 09912 36222 16612 35508 03632 81917
33976 83852 38427 48498 66127 22025 22117 59900 31951 15417
11522 24521 69885 13522 15607 69679 04006 49098 35051 58216
20753 90553 67928 35653 98492 58495 36190 81358 57090 42371
12642 62155 19703 78151 53082 11809 03955 72978 63321 84826
84702 87731 55736 58015 95565 13436 75074 78228 61417 02456
98175 79745 79016 40415 37316 19712 87971 69774 01841 05088
99231 01006 97794 09536 73271 72303 70228 03688 65182 43767
17861 47230 78839 36996 34799 16240 97341 56032 58993 64217
81904 50582 32121 40236 56401 07469 00576 12678 19735 81240
12270 71950 53229 99876 88912 10667 15226 06531 78475 04687
40081 23245 17510 43484 83735 47574 58024 83265 83061 18059
38594 21285 21167 09483 04402 14774 15836 43851 05887 92954
73310 28037 30697 35548 74587 54010 48630 16222 86424 22619
74247 34424 14235 76830 76856 84025 39075 55390 92538 32225
05888 02823 17916 07135 55218 96720 90349 17505 15559 78260

84244 53011 98538 96869 78157 38542 64125 04996 72394 40933
48035 63915 61781 51577 68540 46504 93300 93354 54855 47932
63280 25311 64294 40193 33811 43531 80383 31426 73105 01642
09123 15959 49454 99378 15575 26009 33494 12660 67972 20986
88463 63597 81540 75328 53123 53890 79205 50807 47055 10034
11388 64251 53001 13783 02068 86605 55947 16303 13302 34290
43624 59456 45393 38768 98133 52650 14884 05285 33366 78690
77571 96694 57910 27074 88734 03331 68135 78165 17751 84845
01144 86686 59294 94958 02267 37959 08307 25054 86800 75339
90923 27565 00673 22284 68547 05077 09716 47481 57245 76092
72243 46483 29678 53398 74618 38283 91724 95957 34491 00271
51010 20286 01405 90000 19509 82230 09451 27223 17423 65097
61662 34593 70512 35068 50831 60523 18074 49832 46442 32591
73751 14421 00000

Link 60070

9166/7319/8037 kHz, 06-10, 0030/0040/0050 UTC

11166 60070 13579 06075 00049 00000 00000 00000 00000

9166/7319/8037 kHz, 13-10, 0030/0040/0050 UTC

11166 60070 48523 13001 00049 00000 00000 00000 00000

9166/7319/8037 kHz, 20-10, 0030/0040/0050 UTC

11166 60070 47285 20001 00049 00000 00000 00000 00000

9166/7319/8037 kHz, 27-10, 0030/0040/0050 UTC

11166 60070 45612 27001 00049 00000 00000 00000 00000

Link 70059

6848/5433/4840 kHz, 05-10, 0400/0410/0420 UTC

11166 70059 14789 05001 00049 00000 00000 00000 00000

6848/5433/4840 kHz, 19-10, 0400/0410/0420 UTC

11166 70059 85269 19001 00049 00000 00000 00000 00000

Link 70202

12169/10541/8113 kHz, 01-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 01-10, 1200/1210/1220 UTC

11166 70202 64879 01099 01539
59896 35743 09783 42122 80065 03778 81102 30515 61376 08928
09110 28228 70253 14545 41693 05343 85302 29646 78896 11855
80406 18162 87902 96348 36834 53199 43112 50151 82779 08519
52269 81668 83787 04401 54539 50585 32495 50095 01521 16612
11122 50040 57081 82473 25159 66041 76998 35820 31682 52590
54312 19754 10731 07518 41340 86657 53194 05169 84289 15008
63637 04280 31408 93864 01505 47753 00601 04732 09143 96513
17468 55453 00075 64635 59673 45865 05965 47922 68620 69856
05719 63137 14327 83560 85140 40061 24481 94328 00602 33570
13579 50209 45146 47925 73107 34590 40477 90446 08697 95711
03261 96782 35181 65727 59181 94937 65509 49004 03188 00264
54438 84344 29374 58590 82952 10830 78918 79694 94343 91956
79533 28283 17881 77764 74851 64684 41028 09641 67195 52438
16120 97487 22160 74960 12463 23936 08448 28484 49770 55306
71404 83453 73892 63987 63669 31564 60762 91931 81406 60635
59509 99151 00000

11166 70202 16345 30001 01699
20010 72224 23862 06501 24989 84043 38191 57328 90164 40800
54778 96394 26590 30641 53801 96727 35120 11437 67539 09455
95006 72482 82693 44123 09227 79911 61150 41296 11241 29224
96399 23381 62862 53386 47781 34609 97926 59935 19752 06124
91454 95521 78355 07092 58979 61335 22096 67793 15754 27845
49382 85625 50491 22291 89750 49946 93358 87371 91042 46709
82883 34555 79722 28681 00869 16801 65217 15605 84976 45804
06051 67764 28134 87453 12790 40557 21107 64455 93390 96331
37739 06284 46743 37014 75375 89014 49243 74831 96388 80024
65909 25235 79904 34508 20205 93673 43350 40512 07123 78238
43070 59610 83705 59922 13455 59885 21499 02610 53801 88177
55393 34345 22620 78429 12995 31969 48313 43156 59120 81023
15989 44677 39671 32662 39489 93146 59317 29492 78337 68259
77312 22307 08570 11359 55904 49371 07242 85055 45606 00513
59584 47039 41769 37399 48575 34971 96827 92326 36026 09536
22595 17090 11670 00000

12169/10541/8113 kHz, 02-10, 0700/0710/0720 UTC

11166 70202 96148 02053 00049 00000 00000 00000 00000

12169/10541/8113 kHz, 05-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 05-10, 1200/1210/1220 UTC

11166 70202 14792 05002 02539
26815 35042 39683 33078 39309 33285 74894 54806 04734 86408
80971 39733 63311 55172 34929 14024 26316 73163 65811 03439
00258 36488 46896 13111 79531 35746 99326 64457 24706 16233
36857 37648 68642 77296 06398 93088 17641 46794 04049 70338
39785 91585 71310 87908 57686 49997 01155 92378 87808 97195
08653 30263 93563 79412 45832 41074 44361 77949 65467 95008
97804 88909 63481 23708 47222 29588 54647 17510 01712 07461
61275 87656 90895 12706 19584 16873 11570 20199 33426 46759
58436 11924 30068 75445 06105 55718 97711 63931 34545 01323
09434 74555 15197 79632 63249 90034 99897 16124 92963 86503
79841 94374 29521 58995 06736 30615 17529 22805 93358 45258
16642 39166 35698 42334 42496 38682 23855 32777 26888 40949
33911 62495 01870 93807 17934 31163 37467 80661 34322 12672
87691 69296 85658 13187 24545 00650 56286 27724 64693 40946
66760 81216 18515 45660 87401 64978 16189 08730 78100 04521
90526 95455 46595 19658 21228 82539 42381 62825 70252 53680
28461 46565 62990 24178 98107 96111 94917 92979 28842 88004
68437 45601 90797 60679 89570 56367 51670 07968 79210 63407
45441 91446 78605 14840 97049 32565 53776 09585 20216 70505
28538 81246 30594 96695 00829 98498 41443 01926 22026 80406
34010 96990 43935 50136 19802 92813 63146 75473 36940 50980
17437 69598 47788 40610 13916 50554 30037 62530 93594 82841
78427 26652 62065 49579 59311 93522 40990 28671 85232 15970
20064 71413 01711 41780 14172 06981 03421 63350 55391 21228
21957 25251 74556 832

12169/10541/8113 kHz, 06-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 06-10, 1200/1210/1220 UTC

11166 70202 23416 05003 01779
48451 58553 08937 63099 84399 64743 67753 74520 18339 69298
18231 32524 71887 31942 92175 37036 24143 20497 65394 25556
29959 21033 02192 64411 19970 56706 43330 57293 87028 38734
54632 57023 88766 97928 78416 91470 20953 70238 54948 39573
41340 34730 06100 18392 48685 27450 98410 67138 46636 79604
27721 39111 47168 53484 92580 37479 93257 74594 48611 55857
05484 83403 61015 09593 82241 55158 97418 68720 08255 61211
28229 28516 51081 70282 26703 78575 50288 13098 85907 56382
28998 58854 94764 96265 82477 76926 40364 09726 23469 82276
28735 58029 88949 87980 41256 03037 37996 13335 68909 47183

95462 20953 91540 98563 21133 81314 94334 22049 09057 88188
38687 62372 46753 73371 29647 50133 88951 94179 47141 26645
25582 92140 33152 48561 48690 46302 52033 58240 47961 69613
66166 30751 89546 21813 94135 33494 57879 37249 43603 59344
65165 91089 36083 19276 58239 52342 65802 05391 77465 97124
59823 60295 47386 80640 31625 13771 03788 91264 45335 72652
86880 35214 32783 74880 55289 25205 30585 43645 00518 71568
29426 02561 66599 99229 52741 03175 00000

11166 70202 87641 05004 01559
80610 68483 14689 99482 15062 89889 68150 02360 24367 96477
28657 78949 58756 31370 46660 30707 46464 15597 01601 01294
13107 88738 23874 80167 68346 85993 98928 16806 45778 81365
01923 87765 06973 51639 36398 83764 45629 40859 75376 08965
52745 29973 28356 09653 28775 41342 82608 74502 53689 32802
92234 73609 50885 60966 13416 28477 05883 18447 09287 30151
25740 74695 72882 47684 50136 75142 41583 94123 50039 78324
01503 42201 74923 35686 05255 06920 34450 43749 51541 37223
25560 23332 99982 83934 40917 05499 19654 36151 19633 28947
94738 43283 26216 78499 35756 64925 68680 19402 69785 15753
91754 07106 08138 97612 06123 77226 14908 36022 39635 45369
24832 63242 21439 71500 83913 15119 34949 68562 11229 33890
00602 60009 05371 94127 74339 15957 43949 94017 72750 22637
49603 79156 60804 64838 20954 91056 63127 26018 51930 57544
84747 35787 87918 67243 52251 19435 92159 95322 11288 29200
20845 72706 41354 04153 00000

12169/10541/8113 kHz, 07-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 07-10, 1200/1210/1220 UTC

11166 70202 57984 06005 02559
76260 89086 65985 79983 50739 99583 00305 17291 48536 58440
11803 00220 87154 55287 34259 00774 17115 70250 80871 22803
22004 17910 82821 88596 20171 99567 69345 32990 04034 43499
87751 97184 77914 37881 86809 39458 80341 86083 11961 04958
01776 39012 85778 21764 33671 84191 72125 15412 09829 96267
47433 59055 25972 78632 27554 01462 48476 50837 23614 40032
48205 61511 25306 31021 20376 31439 35066 54157 76397 56511
01559 73841 18622 25222 25928 64117 33942 30408 39224 89597
67172 79909 74475 59534 60157 35850 81814 97222 67532 37206
60114 91924 85091 85378 03563 25497 51681 97434 86620 90913
10575 56704 35787 44878 41251 15445 61633 61692 97526 29226
49510 80593 12962 27755 32399 63730 59508 51806 94322 06972
70295 10956 77760 70737 62530 41798 93505 23032 21426 71352
56402 11875 31103 15314 95394 09315 63402 65869 11340 94212
60545 48749 80996 65975 72576 54195 30662 06445 35537 71558
27858 32112 01284 82181 64528 03850 54924 90279 30181 86357
80769 96491 98403 74497 62774 43801 75193 28712 30374 90499
82553 86714 85680 89892 75762 43631 72956 81436 17790 17794
76315 22975 59264 44360 56579 18793 97456 63954 63237 23143
12698 98518 82436 23963 05678 31554 06945 36441 84058 34942
39030 61146 71845 09548 62179 86385 39948 31762 42605 39494
81365 23204 46481 16737 79446 85743 83827 46508 42646 69056
14998 65524 04228 62872 80709 12690 10342 31127 41531 70322
44926 30191 37795 07438 64848 78374 05848 04768 43755 68881
11589 66198 48038 43414 87233 46337 93373 68605 82232 48861
55260 82475 64293 05253 00000

12169/10541/8113 kHz, 08-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 08-10, 1200/1210/1220 UTC

11166 70202 65219 08006 01599
20292 41772 79202 55674 05558 22205 14685 13635 67942 46177
40384 99363 22886 53066 39109 31470 61256 61352 98930 03692
93705 09132 09532 35423 47075 54899 59839 28600 92534 37009

29106 91858 10159 15274 88634 17925 19603 43126 56341 25158
31590 43781 71331 99198 99879 88849 80686 95644 78417 02816
55644 89706 13344 41850 79363 83766 24556 20355 73450 08790
56509 83720 55453 80522 02938 50698 44496 96402 35198 73843
57238 84145 88905 91464 61364 37915 88563 69508 78777 03033
14866 56831 55681 95165 44363 02278 41753 64919 16183 07025
45578 43773 05483 10606 58548 32314 08334 34068 64401 16683
67711 28702 76589 24179 95297 03766 70675 53976 68759 31654
03927 43855 09213 53951 39312 58924 68539 36792 16073 13244
81269 48981 34072 60294 60684 61304 44091 13239 43862 90468
61277 80899 15323 36106 43925 30402 63984 84284 04769 12410
53102 75956 46990 09898 07881 63794 42119 96400 50460 05829
92008 14667 36941 69353 42094 11663 76154 06157 00000

11166 70202 87632 08007 02039
73999 48044 21761 12142 19623 92957 54445 36751 51634 12983
30081 70879 94131 45175 91821 94729 45262 40998 75587 55841
57450 11175 53024 77655 48956 27260 58159 86538 07733 84654
21186 74441 73495 56717 57810 39400 08959 94692 87603 71052
96167 53116 79801 73357 18864 45399 49973 41718 16827 59279
56013 36677 23121 86814 66886 21390 20195 48624 02561 55049
75765 17052 68573 59455 44419 67940 33661 00923 45881 15706
23892 54697 55875 11409 31748 44092 70525 08491 63571 71506
30223 25881 73843 83533 13910 63147 59704 37338 39707 47395
14173 60487 32830 16584 61490 21429 46720 68957 23032 52799
48346 33280 87224 94754 03598 39558 81903 50503 23713 94934
72545 71240 58681 94452 34825 12657 48556 21362 74920 30223
68615 16676 96008 05429 29305 22640 34395 20163 16909 29824
13704 21435 85873 82511 90577 43603 38737 22074 90314 80322
54586 73030 55887 23379 51993 01457 58772 10608 97358 00461
45044 50083 94600 82381 15148 12762 17132 82425 60811 10774
68059 03410 07520 03545 79543 56306 35988 98935 87255 76277
81090 41594 40867 18887 31651 05693 36516 66169 79558 34259
82182 97256 91643 92266 31910 03241 02730 25687 49813 50959
53326 43687 89807 25396 20385 66158 02002 05386 14560 03760
01682 07201 00000

12169/10541/8113 kHz, 09-10, 0700/0710/0720 UTC

11166 70202 25738 09048 00049 00000 00000 00000 00000

12169/10541/8113 kHz, 12-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 12-10, 1200/1210/1220 UTC

11166 70202 34592 12008 02739
58704 91746 68954 80425 17209 84623 95957 32725 86126 71284
64502 76183 29642 32774 55483 68565 78060 03021 25521 02910
21261 29835 80734 20146 90527 77810 59991 69074 77192 15308
38559 68391 61538 52701 88111 50463 50391 24089 54015 91518
46836 29644 35844 57953 00509 80799 82049 23441 11884 15452
34728 36531 89008 75374 85427 43415 80111 63018 27925 95570
30534 19901 18913 96939 37407 93767 82531 70357 00527 86699
19696 47901 92855 01376 08131 14855 99091 27663 04078 61975
95736 36725 81595 25738 71114 74840 70394 21275 08761 74116
78144 97658 82631 22277 08199 70248 37567 58732 08650 09772
53443 89094 13692 92827 16460 35345 63185 43509 45985 63831
11400 20825 50408 58281 60837 31605 10440 30027 82106 73585
13279 82626 05756 38362 86109 73058 97029 28882 02338 36694
49460 71185 59031 68224 58254 25066 48984 75729 59395 23347
75844 50083 45409 94461 85749 16876 93731 48013 13904 63040
68599 28021 69533 55381 82425 63519 07655 93179 27582 71217
61102 62064 14522 89888 31243 81351 77201 51194 60826 62017
31707 16611 37387 17511 99063 35167 00673 94577 28116 01662
52492 16301 79469 20067 92452 54528 56384 01780 28017 73888
93592 53442 32305 14567 39955 33985 48094 06052 95909 85606

61445 29012 91634 68357 93395 67516 16881 53036 83156 18766
38393 52059 61249 52539 65876 93020 36028 37525 52423 64605
42007 76744 40362 89557 23453 19240 88442 04389 51661 40214
41321 50505 99365 06829 27250 06456 20713 71817 94942 15978
10237 62135 25528 91527 39286 54800 80543 97994 93314 57142
71899 46271 58501 33622 64752 51379 31117 46431 49231 34829
48085 02039 41939 75909 62173 20893 03190 41587 10243 72442
80893 08271 00000

12169/10541/8113 kHz, 13-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 13-10, 1200/1210/1220 UTC

11166 70202 19573 13009 01879
33093 76841 87127 69546 27910 32745 55330 51931 36454 07298
30911 62177 40711 50247 36700 59917 41254 51547 32899 73283
89369 95727 57652 45510 38806 14397 58338 35149 65593 79087
24525 24581 29365 01613 58517 16519 74620 34135 44445 23188
95368 86127 01820 77864 11587 00420 34504 23474 30932 55508
11029 57913 94145 86325 37192 40816 27588 40659 06885 91416
51333 13395 42074 32223 16279 25788 57886 58177 68685 41928
13723 35985 65601 39615 36349 63320 89604 77807 25896 42569
36295 27837 80706 48820 72979 60590 01967 96772 91987 06831
64065 36269 07051 32845 61604 31117 66186 98622 69013 00905
79526 90731 73699 30497 85518 47094 68668 76881 03952 15843
15553 28081 49226 15445 13991 93793 02325 88287 38294 32461
64905 64903 27330 44451 43964 81028 38571 86043 40502 14686
02236 83899 40628 35466 36472 54708 32551 83210 09507 59698
97876 18275 59710 48698 50669 10558 09503 73437 22695 59492
34051 74771 18300 62178 70690 73518 87354 71849 79994 19600
89699 13857 94456 79171 49536 51362 15699 64418 23188 17923
46157 35732 28693 59163 66169 30921 10633 50711 92423 01167
38668 84591 78679 58409 63194 09185 00000

11166 70202 64812 13010 01499
97254 66216 65866 17620 65539 83915 59838 35485 97910 76144
48542 95209 69658 60939 05039 51533 76614 03170 57265 37078
21615 90631 87243 52166 32321 66879 13987 73089 71319 25479
83531 96023 24443 95382 14538 58774 78259 72098 72891 07547
22651 74343 73751 00915 39430 30889 34468 68191 62931 27247
26828 64378 23510 66928 02048 88885 09890 26925 86953 60207
11295 12123 74803 63744 25305 38330 59163 14954 42374 98602
84290 05026 42937 92558 10464 21262 68063 23373 17684 59347
49576 92124 96196 69709 10583 44211 97270 05143 72353 47483
42658 61890 28486 06818 16195 31373 72290 44801 85961 04750
88339 03211 30449 97491 44108 44986 67163 86172 42657 61376
07115 74649 22280 13954 83620 31821 14071 66169 28857 68161
93333 84156 96613 43212 85770 11456 54664 21213 14410 47353
95213 17065 98175 83518 36842 99822 38067 78634 16396 45879
51869 75699 94253 59055 43333 91695 21411 10147 00000

12169/10541/8113 kHz, 14-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 14-10, 1200/1210/1220 UTC

11166 70202 56247 13011 02859
84293 47402 54338 85635 48582 37444 86489 50934 71914 08896
70730 72192 04149 28215 00163 93993 38597 88895 51904 25142
10363 96889 82928 61623 29921 32291 07264 16315 50404 79485
15461 60117 92007 42937 22296 04197 71962 90811 53632 78029
13516 93615 08372 82942 32350 50050 56449 25817 23881 17247
58800 62661 99872 87598 20229 06739 47808 79349 11137 80929
11446 33150 19027 19012 16015 31751 15735 45571 86462 85033
51320 89198 32222 47552 10553 08680 96907 60796 92936 36864
96397 37334 02206 71889 93729 29044 56231 70468 84249 46619
53273 22901 89453 22521 55521 14521 82962 34585 75853 03254
97050 32452 78759 67973 83196 34024 31363 07350 25056 84123

65470 93870 27328 92552 36602 12728 28933 93723 90925 40250
13939 95074 76046 41584 18692 06425 56573 92287 58560 67490
20412 53550 22759 15721 86720 55699 10667 61660 51455 69712
08091 64013 31462 71386 26914 21611 93029 27887 56543 24448
75860 61335 00636 31002 48387 69143 97488 63999 55372 05767
47583 41832 43735 55578 96679 87806 77533 51534 47919 84403
78043 19338 01372 64760 49883 51771 44457 58530 79094 42892
41687 34339 14149 36788 97157 06001 65791 70557 88233 94694
86673 16226 93865 64288 16709 51270 65968 71987 05092 12449
17306 01511 44904 12613 24319 70971 81267 25198 68327 32645
78964 66081 63550 06833 60467 27485 45388 16983 50318 43616
17380 18275 86791 92742 80304 36847 86782 65369 91843 61854
74853 53225 30241 57549 12377 38732 60417 87564 87713 89653
25952 68599 53369 88604 15383 95675 21053 52114 76271 06172
50587 18924 75441 74815 93604 12211 28862 56812 77966 05432
49586 21313 43837 46458 87200 42398 67363 19706 57213 39774
32881 50935 83822 86353 39601 84423 04497 24928 53705 87178
09816 61105 41782 11283 00000

12169/10541/8113 kHz, 15-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 15-10, 1200/1210/1220 UTC

11166 70202 86519 14012 01899
75585 16428 02537 68289 26631 58932 11918 01720 37638 89408
22238 46838 49851 78783 86748 37938 49943 11482 57816 63099
84542 26772 37431 35475 10397 38347 18828 20134 22369 43050
73903 89920 26451 54715 66129 08749 49993 24026 93634 65771
06317 30362 92153 08873 55917 56543 52523 50914 31432 82431
32426 47167 18567 58310 67044 67376 10169 43992 08345 10894
75625 24582 47650 38311 12793 38842 01204 18036 74620 81087
63414 11247 87678 62561 57459 43663 04762 43211 37937 37572
58768 69819 25262 02545 10027 81419 76486 08283 04282 67928
22227 88025 83494 92945 24402 45972 16678 16647 34454 67134
42931 79714 56741 53074 43868 34237 46806 31957 87631 32525
99177 16355 11674 09767 04430 07250 36498 21478 80148 67654
27538 21667 05529 14310 47379 92659 14257 00880 65488 62532
25391 91089 17659 71065 16915 45246 32346 70181 71655 68567
66086 69784 50247 94771 15187 64956 70841 03359 95867 05428
00236 94014 10054 93280 86119 66589 38997 19806 85120 80072
31916 77462 66335 89011 81846 07864 95045 80816 05882 71749
26283 62368 71999 51854 62960 69390 39656 24633 58228 97011
06338 61770 66765 74949 77255 47406 74681 12187 00000

11166 70202 13650 14013 01519
48341 72735 41017 66847 07373 38289 16379 59627 41272 08467
24072 49219 80301 36205 11969 65870 05167 47384 96156 98497
77805 13473 17944 48435 53897 32872 44313 00481 81813 44387
29028 97152 17674 21262 76563 27110 11201 19219 76060 63676
42071 76945 97489 14391 11434 92451 67204 67537 18299 23748
65077 46580 75472 87277 10410 08450 44728 52538 28796 46612
95913 56337 17126 84861 19659 85102 48935 72776 48394 98712
87257 18765 65351 94256 97195 21653 06239 33173 75381 86744
83292 80214 38518 37288 86356 27658 38200 57290 40724 03209
94174 26623 26389 85030 63262 34343 88415 72351 86101 81177
93110 85061 78915 07107 09684 90757 62485 04977 22078 82673
45520 06098 00671 56909 04604 48732 88522 62436 27913 65452
81864 22272 14902 50268 09508 49304 49113 91483 40875 05164
86338 81208 77320 75613 25287 37479 06454 60872 52966 99897
24123 04320 81956 84762 53771 08020 21767 10588 17847 13149
00000

12169/10541/8113 kHz, 16-10, 0700/0710/0720 UTC

11166 70202 15798 16058 00049 00000 00000 00000 00000

12169/10541/8113 kHz, 19-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 19-10, 1200/1210/1220 UTC

11166 70202 52349 16014 02599

18043 43717 01867 93688 44041 06320 66892 23707 42676 62830
69154 48688 11646 06403 72735 55638 93859 66017 69683 15506
72650 76275 97722 15526 52231 73460 89323 48298 21856 10061
13054 62298 27097 04933 93151 03496 96696 71296 18258 02772
98422 89757 75251 88831 22357 18523 69115 31289 15078 58024
14775 43612 13140 12115 11847 00624 49326 13043 38240 50239
30080 02374 23535 24126 07570 85062 88091 76985 94817 98857
58810 09123 97337 66223 97500 52018 59708 20970 02777 21564
50531 26775 71425 68671 34197 29795 30192 81923 02915 12535
73907 21970 67429 41185 70899 92344 29860 23597 21634 76401
87122 20093 81507 95042 38336 74296 83741 64944 94682 56163
23315 61949 15149 34418 87863 19334 16570 20563 46495 15613
31442 51659 32446 31593 11917 04069 80526 81346 03429 55337
05292 46801 36393 36408 30867 70627 09393 41356 08374 87118
62327 86835 81889 95743 62924 38411 88883 07062 55072 45978
06058 15694 42414 55452 76538 80024 05621 88914 79356 13336
76798 10400 27138 16052 19471 19517 02973 03784 87548 40096
72363 10864 61751 96030 31225 74057 86909 91523 75839 26131
58578 37914 05742 53980 32402 94264 95432 00993 54681 13924
95891 18330 37555 14210 51808 94834 27264 11451 45466 20232
38902 88521 03238 61314 56124 87105 25603 55813 19224 41842
26649 53627 50024 98554 93971 60098 87038 83757 04934 61036
29301 17608 60200 34158 12346 87508 20502 76644 64738 24549
57555 03505 18618 49950 55085 96415 72682 83729 20873 07749
31044 32760 95791 49451 66410 00400 70737 21488 81016 84904
47414 59510 63745 58792 03910 06462 66881 14257 00000

12169/10541/8113 kHz, 20-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 20-10, 1200/1210/1220 UTC

11166 70202 89541 20015 01459

38061 77505 33067 54854 70046 34032 02908 61088 91328 15921
14255 49908 08638 32482 66963 62069 08147 01569 60225 18214
91476 98342 80183 75698 53591 13526 34915 22243 44783 32054
91458 79829 83925 68082 94581 17294 15173 17270 71976 95048
25320 12296 55567 90363 63984 92529 73618 76663 33808 23798
93330 55257 42873 29192 18611 62947 36500 16845 72712 03963
50643 15615 20419 79632 54041 54626 09467 14266 71334 47584
35900 00648 04325 67819 63028 13614 93559 24992 48697 65115
87450 79390 60537 99237 11086 54768 83893 50590 51941 35653
52117 14517 04676 60061 53905 02556 42196 43571 97389 81595
05172 95665 35633 20160 27207 14314 83256 90252 37830 69700
78858 98213 10518 13061 72919 43015 47909 71543 45894 25431
21434 15055 86152 56529 07505 06007 82482 38917 87488 67911
10827 19175 03635 33768 19943 34919 88144 60166 45684 04935
07576 18051 08571 15143 00000

11166 70202 92345 20016 01799

83781 07927 86107 08832 29315 29960 68777 88116 72518 65319
69528 47861 32349 75756 06952 05217 90530 24757 47769 15249
04688 86933 72547 93266 88754 93850 23545 47806 46613 45949
83124 66436 69890 45284 56168 21589 35852 28747 54933 88590
66332 06459 09791 93098 33636 35034 54276 30113 24349 80391
57897 21753 97000 49801 05130 06001 94508 97863 44047 73587
97345 36096 53009 95199 28366 00822 98865 06224 45235 59048
85086 41183 81386 57022 13288 35077 21457 41143 06558 33796
22128 05933 68048 80816 14321 48742 73257 72338 47669 35880
19428 98079 63219 09861 80530 09898 05290 92446 41239 85429

08429 63186 08348 78939 20404 18121 23074 76565 47167 38358
22670 98141 30732 23196 24794 12790 95893 67485 33069 60478
26738 87916 87273 96711 58870 27923 06594 02561 98305 95878
99388 27211 02960 16295 37886 55216 87667 98677 21265 15650
38684 53766 75550 75332 48586 11807 63765 83334 07529 22571
04769 58934 11784 41803 24231 40222 75497 33777 86167 35529
56620 44652 78479 44886 32916 26320 50938 43683 89025 15430
29042 45725 00488 97268 52200 87866 25678 16177 00000

12169/10541/8113 kHz, 21-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 21-10, 1200/1210/1220 UTC

11166 70202 49137 21017 02639
03084 98697 15861 85168 14230 22466 54871 80968 96479 47513
36887 13909 70312 36463 51174 86061 99781 53017 08406 86598
84819 42223 35742 35971 25904 72555 81004 75506 15774 13256
93110 38345 37888 45360 70972 62671 76305 29862 98033 33161
66679 81426 04642 61586 43052 21130 25442 42531 60144 06621
43970 45124 95807 63175 41653 26759 63352 64054 93376 79717
88419 33632 76834 46642 30092 71697 87828 65791 50936 22398
78714 32025 65649 36246 62178 84438 23010 98624 47539 56607
00826 23241 01747 50354 18540 33958 52288 18999 97217 83435
74161 71011 21573 82035 28134 30020 83736 35409 42443 12094
13453 14223 55152 06260 24383 04439 59337 69171 31218 11610
18284 69879 17271 17612 42905 45636 57250 13252 48543 54669
24898 55198 33357 36875 40172 20660 45482 18349 35674 58262
31140 20707 46996 58546 80900 61126 56688 92535 16271 54053
46522 91813 83806 50500 37741 68529 48926 75878 23990 98797
06626 52313 26608 17904 51272 16359 26970 00764 72665 68063
55569 26084 70558 12322 42521 47641 04824 78449 59183 21131
23448 28917 05580 60022 35550 93181 23307 18853 21605 87553
38617 27401 98058 07037 65370 24177 78530 00076 22530 62666
98783 62157 45901 88764 97649 09192 98794 12844 71099 16614
11299 24879 41646 35156 02862 26088 10271 19203 67853 75503
83048 28697 28807 74926 89673 90505 87023 40705 36066 30201
25229 35749 58248 10191 41961 60256 69675 35133 22396 24551
19216 10570 75277 52499 01957 65726 90649 88924 90035 76402
98076 09465 75676 48906 30044 56305 43617 50951 20218 48237
15127 00472 91254 38458 30783 48282 11851 18574 64213 15524
27719 17261 00000

12169/10541/8113 kHz, 22-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 22-10, 1200/1210/1220 UTC

11166 70202 31654 22018 01479
24905 42826 48328 90225 71076 54328 01557 97359 23727 62542
67731 55208 55170 67388 13222 04483 88275 54776 00364 95794
45807 62028 08323 62747 59616 42619 50548 77931 94394 03674
55990 27776 65659 14647 06280 67178 56665 10641 46043 39862
63934 38786 08562 75391 26079 21124 23942 98781 15617 32433
01994 13651 98467 16437 07007 44841 90798 88820 66605 51444
67937 00510 81874 46186 05012 59634 30943 82088 54017 35627
83210 92354 87002 93881 66407 94417 60052 34422 53670 94082
77756 33006 62835 50709 62858 08116 85109 89359 60767 62256
85339 70863 33617 71014 41043 55729 23565 18305 12395 22834
90022 01247 60362 28848 50487 53110 55171 19307 79686 57759
42289 27289 46703 54042 58119 20629 94779 53557 12589 83596
93485 20239 80812 43992 17933 85195 71034 81588 34735 95233
61023 78857 99386 18523 20113 99916 94757 55815 59069 08640
65388 30675 74989 61864 27279 18145 00000

11166 70202 52486 22019 01779
89039 95705 81628 90545 38313 51364 04327 15793 72064 01355
78709 01183 22925 57933 86552 33007 84440 74248 95711 36160
84179 78652 75469 69640 54997 99750 65506 90115 46624 93100

53158 57000 44775 05516 38673 77465 89967 37896 93138 14831
13232 92544 38771 08777 30907 15875 06264 80801 65704 72488
48862 23382 86223 11518 17873 96250 82121 11205 29283 78246
17110 12633 76183 48173 26967 78559 66674 93086 54763 38284
91948 67472 40482 04485 54246 51735 07216 72971 09347 83442
11137 41281 03309 59759 47423 07061 08134 34515 29333 32173
86040 58329 82601 83461 37043 35251 22369 86114 09515 94332
04809 50561 78430 99584 70650 58843 20971 46745 22787 21397
44177 20310 05150 40183 44341 09245 75043 39096 02833 04831
86119 47604 48021 29080 24189 48544 38017 67146 63049 26020
43891 02187 32522 74324 38069 76095 15882 53849 17596 24557
18868 04892 16944 59851 77468 55316 90064 99853 96658 83002
66361 66659 37285 19009 10281 03280 93277 02400 39202 81834
26390 22677 79313 01695 50636 10735 64164 00998 83634 64296
05584 29981 07018 18754 91649 19175 00000

12169/10541/8113 kHz, 23-10, 0700/0710/0720 UTC

11166 70202 25647 23069 00049 00000 00000 00000 00000

12169/10541/8113 kHz, 26-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 26-10, 1200/1210/1220 UTC

11166 70202 63218 26020 02539
35895 97273 98291 79787 23235 14950 44183 59984 93827 95563
83454 27084 31766 41097 08597 31506 03958 35192 58319 44209
27289 47696 83972 07568 16731 43975 39899 05875 31604 84955
27399 03902 62165 28835 46994 26983 23719 70374 38676 81018
50435 78736 14842 35872 06060 19796 15580 20578 53709 73855
41016 03805 51933 84715 40391 58007 69235 01020 62572 30712
34238 95833 97667 71364 63678 75378 64450 87184 35424 12861
23266 26459 98699 68341 19118 12717 38703 80573 84616 78218
37803 41752 57474 70199 00513 91114 92246 28305 34413 88318
70994 56656 04225 52553 42556 38980 01212 78296 45130 70242
95104 63687 91835 03227 60729 12415 23956 33486 96529 95096
61543 71114 77174 81056 06071 72774 07438 76451 74829 32413
69524 29690 71744 54105 81052 90063 24309 55467 05858 30547
41316 75071 84830 70691 71081 82305 78943 60553 64841 13106
41684 11597 75010 80013 63072 85506 42995 29976 52434 76848
56242 48348 52148 50510 79215 32520 99523 19876 87982 83606
79020 76647 63104 89646 31981 08276 20515 98741 16073 63916
85073 05571 31626 54865 36482 99729 57054 00404 82248 49310
60537 54987 37401 18188 80170 77721 15612 40424 89754 30064
61444 00243 92415 12681 78401 91007 09249 77404 32456 51644
55163 75225 35763 03935 19127 26257 40230 39136 90994 22610
95645 27347 02096 00114 52033 48071 71792 39826 10950 65401
77170 85264 55376 96279 88072 86290 12928 45254 34639 05606
32039 04184 99570 48767 75832 40313 52269 03691 63344 21170
67077 00550 12811 49720 92772 28035 66680 08202 65527 66891
03060 20251 00000

12169/10541/8113 kHz, 27-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 27-10, 1200/1210/1220 UTC

11166 70202 89541 27021 01499
30588 92867 99090 33829 98231 61709 50998 04835 75345 81430
39020 85271 45471 03312 62396 60571 56931 49797 12523 58590
78388 86048 99462 25904 99032 14641 94171 82701 21843 35591
97392 10992 23339 38904 71142 55791 78289 21830 93732 43992
72786 48011 24269 50589 54145 90714 87556 66960 91050 27330
15351 50888 42403 77333 04900 62999 58287 00882 80702 19323
61505 00255 70434 14653 83124 91302 30963 96389 50453 37110
85404 93561 50906 61051 57148 30718 20180 81428 11798 81355
28184 34877 42954 40601 61165 80728 62784 21806 23458 03524
83315 06763 07303 55847 99388 04220 04170 08694 09207 96382
56019 01530 33424 78093 69946 09260 18700 18372 44638 68265

36671 99007 82088 28724 14266 09893 83000 25373 56307 05777
49318 83929 46333 54137 42328 05335 36585 28848 69764 95020
63086 29343 00347 29385 46763 29947 29211 76657 66529 89074
42645 14348 15289 72980 55585 10470 74782 21147 00000

11166 70202 65413 27022 01799
04620 23794 32884 00200 50038 10182 13934 14194 79657 36128
30840 24353 07309 02294 19504 48137 85103 68351 48760 57141
83102 20013 99304 90467 49919 40859 66546 87729 71484 74874
17067 90117 70136 90654 53390 82973 11229 83204 66729 78302
09448 74275 82419 60663 52026 97174 27709 44884 81035 76980
76599 19016 01950 42110 51428 70992 10665 28173 85876 22414
56164 60039 79084 17891 81013 23081 95578 43402 06883 59500
90675 72090 57262 50693 66067 60929 34586 71595 85272 46721
93927 27929 03631 14837 80474 12299 92543 39149 22950 40077
62634 16603 00187 51007 15528 44840 23029 87469 78921 16337
98755 85345 04657 27479 70209 38414 34457 26017 46820 22223
63031 45337 69714 88371 53230 98986 78087 65137 82940 33891
69038 25389 28401 65695 68044 07727 13639 44684 52274 01776
80699 25690 93914 33581 60369 40452 15707 12036 48073 95855
75875 22288 14635 46481 24644 77046 06587 14912 99513 61744
15722 58232 51504 34486 22568 04153 19538 66709 43476 05205
95152 35519 36010 84437 44741 03607 42324 71055 81487 47718
75216 49436 04211 21582 76546 69964 45275 22177 00000

12169/10541/8113 kHz, 28-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 28-10, 1200/1210/1220 UTC

11166 70202 53718 28023 02259
19493 77246 41686 07514 06071 27429 09437 82312 19576 88912
68566 46174 28296 21289 82828 20360 30992 55587 68466 71082
43760 72515 05184 48147 61986 55802 20574 10800 58341 28000
78411 57969 02744 84040 15072 05096 15233 19359 98893 74719
87694 62254 10748 93038 35366 85180 92210 96026 40678 28434
88728 23336 40928 44046 49919 50896 66948 16732 33039 99022
41137 09705 80460 11409 90674 53570 68662 37287 46618 77149
59673 28512 06404 57673 39589 59237 69289 35193 78170 81754
03840 88193 94291 70946 57382 17124 61291 98791 65951 32915
36852 19002 74956 97133 51557 47546 29432 10945 40683 59048
43421 99357 53521 70806 07833 88037 24611 36538 46069 19285
41283 21337 77041 04225 91675 80169 94672 57849 28243 11459
23384 14120 30172 07722 58969 67771 99821 75222 54145 39660
77418 44379 58276 12710 08063 42957 70567 35272 45862 53659
15963 38622 29219 28397 03514 65684 11815 80686 76129 57763
83668 28310 11418 96092 86566 08127 82893 45236 18306 34629
40836 94963 30098 24511 22301 47882 51483 58936 49561 49205
27213 05123 28518 05878 80389 69728 92115 91913 28254 05282
40658 86600 51057 41947 67781 42894 40252 86304 52087 31234
90674 19105 31217 60230 90601 33808 82234 13619 02801 87864
65416 07698 33194 88554 40850 11853 23764 65218 17337 30349
47189 89867 42831 92200 44544 98007 95900 45853 86082 31448
87511 05650 91212 32230 00000

12169/10541/8113 kHz, 29-10, 0700/0710/0720 UTC

13521/11173/9246 kHz, 29-10, 1200/1210/1220 UTC

11166 70202 42179 29024 01559
06035 94207 63916 36580 45052 60845 70390 13011 35685 97321
73903 59181 24316 03092 84496 64146 25429 71656 50031 43938
77862 65537 99781 03310 72238 47198 67821 96388 73030 83117
82126 15961 83690 63193 30341 66045 28287 02662 38141 97455
48079 18733 21132 11047 36472 99106 96218 58315 60786 04589
63389 94055 44286 72957 93841 60751 06896 16301 85394 09401
88039 28994 71132 86440 00062 48509 92192 41486 85636 36241
70664 35547 77628 70546 43519 54429 84824 69170 43511 56994

51991 83265 37988 12968 67680 30166 61553 09993 18223 57133
03512 34602 11358 53234 36034 56809 17929 51561 93987 72996
05077 88964 42361 86792 59378 15494 92225 32627 23365 70740
51165 71645 93857 69245 19126 14679 55551 62200 65601 51948
48297 67583 49112 94197 91508 85951 64905 54936 14137 44064
31809 28486 63645 33523 54197 43515 92437 36622 19972 96749
45147 56586 20537 96542 95257 94402 03667 71001 04469 39410
95230 20347 03260 24153 00000

11166 70202 71294 29025 01679
21177 96343 10396 16283 71628 41797 04304 22464 02826 84700
80667 49723 47493 55654 02316 36404 93314 47929 84894 82199
21057 51860 87586 95486 09987 25672 85949 51305 96506 32403
75334 02166 96949 97644 78298 08878 30476 67759 54464 83585
03003 73279 36252 62200 38102 27167 38937 48412 65819 12624
18451 96469 05328 40146 75384 24924 02378 78492 28610 78505
07459 89277 06978 80345 05636 19860 32510 41709 33966 34222
93544 21435 47466 86516 31244 52276 19542 66994 87937 76317
87832 74961 90702 56660 81403 98489 68648 57572 90220 05550
27321 10277 62850 76252 28679 06571 43317 30897 50070 87470
83063 33504 20654 19058 88939 75523 58697 72724 93167 69412
58191 51993 56218 06754 98219 33119 38530 60619 73519 11634
02021 36862 69669 72046 27315 04011 31344 22869 57637 56476
97077 64167 05295 90741 98962 79810 81707 99223 50727 71625
36897 11509 72635 77624 19400 37627 26635 41508 92513 93075
60200 25620 67842 10258 82301 84553 42054 66044 19942 41583
47803 80130 28699 35117 54749 25165 00000

12169/10541/8113 kHz, 30-10, 0700/0710/0720 UTC

11166 70202 32568 30051 00049 00000 00000 00000 00000

Link 80214

15607/13376/11108 UTC, 01-10, 1330/1340/1350 UTC

11166 80214 92648 01048 00049 00000 00000 00000 00000

15607/13376/11108 UTC, 08-10, 1330/1340/1350 UTC

11166 80214 85269 08074 00049 00000 00000 00000 00000

15607/13376/11108 UTC, 15-10, 1330/1340/1350 UTC

11166 80214 95763 15034 00049 00000 00000 00000 00000

15607/13376/11108 UTC, 22-10, 1330/1340/1350 UTC

11166 80214 36542 22047 00049 00000 00000 00000 00000

15607/13376/11108 UTC, 29-10, 1330/1340/1350 UTC

11166 80214 97821 29051 00049 00000 00000 00000 00000

F06a – FSK 200/1000

5845/5249/4525 kHz, 01-10/02-10, 0400/0415/0430 UTC	File 04442 (928 bytes)
5845/5249/4525 kHz, 08-10/09-10, 0400/0415/0430 UTC	File 04443 (1088 bytes)
5845/5249/4525 kHz, 15-10/16-10, 0400/0415/0430 UTC	File 44444 (1440 bytes)
5845/5249/4525 kHz, 22-10/23-10, 0400/0415/0430 UTC	File 04445 (912 bytes)
5845/5249/4525 kHz, 29-10/30-10, 0400/0415/0430 UTC	File 04446 (1056 bytes)

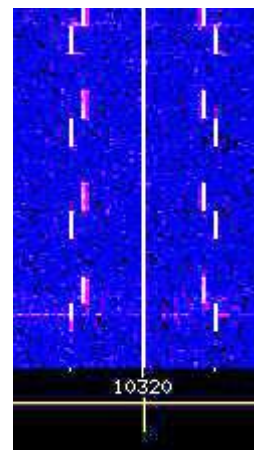
20875/17511/15747 kHz, 03-10/04-10, 1500/1515/1530UTC	File 04436 (976 bytes)
20875/17511/15747 kHz, 10-10/11-10, 1500/1515/1530UTC	File 04437 (864 bytes)
20875/17511/15747 kHz, 17-10/18-10, 1500/1515/1530UTC	File 04438 (944 bytes)
20875/17511/15747 kHz, 24-10/25-10, 1500/1515/1530UTC	File 04439 (1056 bytes)
20875/17511/15747 kHz, 31-10/01-11, 1500/1515/1530UTC	File 04440 (912 bytes)

X06 logs

13448 kHz, 01-10, 0719 UTC	MFA Moscow clg 162543: Russian embassy Nicosia
14570 kHz, 02-10, 0823 UTC	MFA Moscow clg 324615: Russian embassy Madrid
11438 kHz, 05-10, 0806 UTC	MFA Moscow clg 532614: Russian embassy Paris
13401 kHz, 06-10, 0835 UTC	MFA Moscow clg 154263: Russian embassy Rome
14358 kHz, 06-10, 0852 UTC	MFA Moscow clg 154263: Russian embassy Rome
14635 kHz, 07-10, 0820 UTC	MFA Moscow clg 362154: Russian embassy Athens
14630 kHz, 07-10, 0823 UTC	MFA Moscow clg 362154: Russian embassy Athens
11562 kHz, 05-10, 0736 UTC	MFA Moscow clg 432516: Russian embassy Bern
14377 kHz, 05-10, 0813 UTC	MFA Moscow clg 432516: Russian embassy Bern
13411 kHz, 06-10, 0903 UTC	MFA Moscow clg 165423: Russian embassy Brussels
14358 kHz, 06-10, 0903 UTC	MFA Moscow clg 154263: Russian embassy Rome
14812 kHz, 06-10, 0920 UTC	MFA Moscow clg 246531: Russian embassy Acra
17454 kHz, 06-10, 1154 UTC	MFA Moscow clg 325614: Russian embassy Nairobi
14631 kHz, 07-10, 0820 UTC	MFA Moscow clg 362154: Russian embassy Athens
12133 kHz, 08-10, 0820 UTC	MFA Moscow clg 153624: Russian embassy Damascus
14414 kHz, 11-10, 1048 UTC	MFA Moscow clg 145632: Russian embassy Algiers
11537 kHz, 12-10, 0806 UTC	MFA Moscow clg 421635: Russian embassy Oslo
17475 kHz, 12-10, 0816 UTC	MFA Moscow clg 156234: Russian embassy Kampala
12224 kHz, 12-10, 0943 UTC	MFA Moscow clg 463125: Russian embassy Rabat
17444 kHz, 14-10, 0754 UTC	MFA Moscow clg 435621: Russian embassy Maputo ended 0755z
11158 kHz, 19-10, 0757 UTC	MFA Moscow clg 263514
12224 kHz, 26-10, 0938 UTC	MFA Moscow clg 463125: Russian embassy Rabat //10176 kHz

X06b logs

15852 kHz, 02-10, 1122 UTC	111666 before XPA2
13452 kHz, 02-10, 1135 UTC	111666 before XPA2
10962 kHz, 03-10, 1045 UTC	111666 before XPB1. Also at 1059 and 1121 UTC
11562 kHz, 03-10, 1046 UTC	111666 before XPB1. Also at 1104 and 1122 UTC
12162 kHz, 03-10, 1047 UTC	111666 before XPB1. Also at 1110 and 1123 UTC
13462 kHz, 03-10, 1048 UTC	111666 before XPB1, Also at 1118 and 1124 UTC
13962 kHz, 03-10, 1049 UTC	111666 before XPB1. Also at 1118 and 1125 UTC
14462 kHz, 03-10, 1051 UTC	111666 before XPB1. Also at 1119 and 1126 UTC
13449 kHz, 03-10, 1313 UTC	111666 before E07. Also at 1315 UTC
14849 kHz, 03-10, 1316 UTC	111666 before E07
14469 kHz, 04-10, 1052 UTC	111666 before XPA2. Also at 1057, 1100 UTC
10320 kHz, 07-10, 0822 UTC	111666
13472 kHz, 07-10, 0945 UTC	111666 before XPA2
11156 kHz, 07-10, 1605 UTC	111666 before E07
16338 kHz, 10-10, 0827 UTC	111666 before XPA2
14672 kHz, 28-10, 0940 UTC	111666 before XPA2. Also at 0953 UTC

**X06 variants logs**

13519 kHz, 07-10, 0921 UTC	Single tone: 666666
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XPA1**12167/13437/14972 kHz, 01-10, 0710/0730/0750 UTC**

249 249 249 1 249 249 249 1 249 249 249 1

00245 00076 15953 44405 16680 50927 18665 93650 30666 72048

62263 41209 06340 63399 13749 21250 30446 27894 80318 45899

20320 05498 45596 15951 61187 77608 76676 66370 46075 05852

07796 76445 01720 24468 53069 26927 57613 73112 28646 49819

41474 64383 67443 06609 51374 22728 70888 36819 77529 26882

82766 86259 46941 99715 21724 42871 90367 06926 50383 74416

60686 35510 25417 96845 86285 64954 04053 15966 19061 30172

59752 71794 06397 20696 31251 41605 13038 13218 64127

12167/13437/14972 kHz, 06-10, 0710/0730/0750 UTC

249 249 249 000
06859 00001 00000 41663

12167/13437/14972 kHz, 08-10, 0710/0730/0750 UTC

249 249 249 000
05498 00001 00000 37266

12167/13437/14972 kHz, 13-10, 0710/0730/0750 UTC

249 249 249 000
03366 00001 00000 35661

12167/13437/14972 kHz, 15-10, 0710/0730/0750 UTC

249 249 249 000
07440 00001 00000 33263

12167/13437/14972 kHz, 20-10/22-10/27-10/29-10, 0710/0730/0750 UTC

249 249 249 1 249 249 249 1 249 249 249 1
08105 00100 53006 62906 28253 49801 60164 49017 27849 80794
71198 10830 25556 77153 82787 25172 66914 74161 94085 48334
79607 68145 47271 88282 53496 74585 72918 04581 61171 97008
24556 51728 92286 28692 75058 61734 77898 88605 60397 93601
92364 58715 31873 87812 03055 38569 08216 63720 12834 11050
55763 65987 81441 02970 12935 94227 44198 02488 34232 85206
58237 15577 82744 02307 29492 67385 26421 84940 57679 24076
62772 85503 38834 08960 26972 30368 45111 55111 22871 89352
75069 37544 56806 55132 64724 40969 39408 71758 27520 34129
89544 22712 71336 45761 79368 86479 54632 32270 67400 07755
21318 82217 01574

XPA2

17438/16338/15938 kHz, 01-10/03-10, 0910/0930/0950 UTC

00548 00200 18546 85294 97090 58018 53239 24739 75014 71044
08233 88350 78657 36323 52984 34449 37024 57610 38180 48924
60457 87294 35436 32068 42340 12307 24304 46671 07586 30240
96720 50828 08023 05402 10753 84485 83163 32156 67963 35161
21957 54475 14660 35357 67051 41633 56199 32192 98002 33757
23667 65627 02276 68871 34846 78928 94272 84458 60639 72767
69388 78259 87306 33478 81188 37154 81694 92296 58370 67154
48532 89922 02151 31389 87330 49878 02715 97541 50905 87312
50853 78836 03983 63005 03060 76315 63722 52391 08048 48623
94105 19569 76866 16473 34407 74376 72505 33792 52021 09434
17067 07359 09508 89874 96756 69100 97062 97180 43703 75651
93716 79017 58838 43219 30090 82583 81505 25913 79614 27750
58226 42240 26004 14478 06033 58423 05938 54723 70617 11215
91138 39433 54030 04345 02344 86155 86532 32040 11728 74676
65918 81421 87710 97963 26489 24880 28221 08186 99320 17163
78225 18251 92380 20686 40747 28604 90920 81951 18291 18187
63650 61805 12845 95276 03104 26908 23320 87393 36422 71976
15058 64936 87033 89048 60439 36514 82098 13313 34289 63261
07063 14146 42456 52766 23496 47319 76601 41081 40461 58184
80299 58824 78735 49347 55789 77448 29916 39315 57121 10605
59963 09379 62250

14672/13472/12172 kHz, 01-10, 1100/1120/1140 UTC

06023 00177 69100 56160 12130 59908 29963 14771 90924 60925
17816 24321 96191 31894 90224 63071 32876 22940 56022 69522
22842 18706 55826 70078 82735 76565 42659 80915 63862 05137
13943 88042 33427 79182 79019 83805 20961 68016 92084 18716
78732 23058 98240 95334 82302 04277 88365 25154 53427 82696
61437 07610 35215 32188 50673 41267 05155 00305 22269 53423

40053 73131 86708 27141 29421 97025 95216 54807 52194 51254
59189 36789 23688 39567 91914 91374 85011 73400 32822 70088
58532 58380 48456 71133 00424 62472 39274 41197 26829 77977
37006 72472 23273 18404 14244 45197 92602 08512 68856 11169
64478 83673 59378 27299 89924 54823 58169 06277 50622 01554
61921 15564 96662 87060 43079 49695 21221 68091 75553 70056
42356 33411 70906 36084 32587 82252 66430 68183 00157 89510
43112 61310 68100 16572 35090 97398 95351 34181 06749 11892
26610 45694 22363 55079 21632 42689 43234 55418 67300 27469
86312 41588 99152 39185 19390 52036 48369 25928 69262 17453
52526 10999 71105 28535 21273 58765 32813 10482 23249 63411
07675 03762 50999 60325 04434 92019 75128 87107 79395 17156

13542/12142/11442 kHz, 01-10, 1600/1620/1640 UTC

02411 00001 00000 33653

13452/14452/15852 kHz, 02-10, 1200/1220/1240 UTC

07182 00064 60209 86137 54065 39462 61252 06133 71383 87195
32119 00914 16956 71347 15763 70704 99621 00509 54591 23659
34184 95411 66331 71377 50280 00362 49336 68183 32935 63378
76681 28908 64692 93930 19281 66178 85874 24270 75129 89114
99018 01673 60613 68696 58648 36041 16792 10556 97329 97379
87095 81094 16514 20443 09104 86169 55546 47693 05717 75369
27546 43146 53900 34413 97969 58099 74370

13906/12106/10906 kHz, 03-10, 1500/1520/1540 UTC

00208 00194 84374 80183 89867 44709 28999 91859 12521 98217
58516 18040 12029 31429 24617 61567 16102 89086 35923 60298
37795 53272 00433 19392 04020 45434 44366 06711 78816 53677
10907 20313 87056 52048 99793 64280 58486 94481 51647 73666
67639 16316 40250 91114 10687 55792 32886 18912 03970 36099
93058 42764 94556 22474 19237 22112 02384 14713 42492 07827
68039 45836 16850 70668 35957 36593 35962 02010 32187 99608
92317 49447 24296 75214 17376 71991 52264 01754 02912 90471
71600 90338 18117 88694 15533 44573 12671 85043 33521 67913
64163 36463 49586 56792 75008 21511 65540 48015 37279 16326
53724 88298 58122 76342 56559 99298 40569 79382 07884 15419
15045 06656 11328 35972 25881 73854 12418 75111 52189 99113
17404 74425 54167 64787 23891 11366 96304 47497 82797 12569
60066 02280 87386 35622 61841 39796 12263 19185 36751 52995
57056 79124 29531 65277 01345 20225 74291 48273 26504 94514
52098 38691 41096 54388 34823 49242 77365 87592 02779 01489
30618 12760 05158 91954 87957 75876 50189 79759 42010 81478
27005 24399 85459 35649 08171 64486 39353 57938 63485 43232
68883 01381 18192 11127 39131 83729 23638 40257 69575 03885
91970 80663 25281 03976 36383 05368 35417

14469/16169/17469 kHz, 04-10, 1200/1220/1240 UTC

05985 00056 17121 43104 20686 68288 07863 43127 97532 03844
10586 11712 46096 99468 67379 80743 61103 08686 11134 96775
90438 44568 47261 24033 14967 68229 83022 40326 87329 04012
07372 41112 52811 27225 28451 84323 57944 98138 88797 71019
79862 07885 79085 26263 29399 38553 14799 31855 91529 02929
68233 00087 41191 58316 66599 31530 57975 29104 34742

13372/14672/15872 kHz, 05-10/07-10/12-10/14-10, 0700/0720/0740 UTC

00322 00088 47198 40649 17124 39847 63986 96351 11665 36203
79274 86748 17411 14563 60158 94179 30463 99186 09616 87332
97891 68064 49255 50620 14141 56729 09488 36703 60478 62502
49620 58145 81385 43268 94819 04355 80812 48180 57474 47645
77557 30566 02882 21183 36434 18794 13222 86598 68037 82964
17028 70670 20147 14626 66923 39377 68491 10814 93564 81226
30557 53025 12678 75113 68626 85894 23947 14399 78609 17393

24048 54132 78468 70143 99647 25955 93564 24584 96310 68232
98904 95945 90253 38903 95471 28638 53519 40216 85037 48309
73540

17471/16149/14406 kHz, 05-10, 0910/0930/0950 UTC

08271 00001 00000 32667

13906/12106/10906 kHz, 05-10, 1500/1520/1540 UTC

07869 00001 00000 41665

14469/16169/17469 kHz, 06-10/11-10, 1200/1220/1240 UTC

09876 00150 87206 63287 03350 84153 64152 86310 51965 65212
82745 58158 15141 27710 53254 48799 46607 57238 89713 76561
84818 24687 48775 44377 59579 60851 01219 74610 38086 79232
60742 43628 98087 96862 29006 01520 68871 18580 39328 49645
54472 24028 97018 01422 39827 49219 89705 84023 76975 19133
06501 80743 31685 57947 52958 12443 60338 91340 07806 19754
80294 84278 81287 06045 64373 49943 83731 22620 29082 56475
72261 01849 15943 69312 89475 94225 26166 32544 97892 44638
37271 33555 29389 19049 89738 79472 96590 87216 89776 81729
39006 99115 83551 47801 54441 74527 44020 98966 55853 71378
51007 72274 08959 93465 74413 19301 57878 60120 46270 30311
85371 83901 38359 08196 87452 07984 03687 72436 97952 74101
66586 21647 30218 50648 32414 22740 11468 93022 97451 59471
30576 50102 42704 37955 77104 76907 12149 84627 24253 81248
62661 36874 41194 65763 73493 18908 16998 08609 35411 22829
69687 12545 21175

13542/12142/11442 kHz, 06-10/08-10, 1600/1620/1640 UTC

00475 00218 84584 15990 79967 19620 15958 66687 79480 66827
33663 51026 37371 80430 20180 33462 17145 70517 40387 53347
77636 48169 09855 89145 95039 93675 77236 91865 98250 61224
53072 28217 35106 82835 24996 65608 63438 10788 57767 00585
56789 72193 02687 01435 19604 09462 63959 46818 15536 28924
37817 31841 96344 92473 80483 64389 15850 50191 64285 94773
23537 29126 82521 85005 62200 02217 31170 92129 10306 10781
80844 63513 95246 91009 01489 64586 62528 42785 22825 53535
15860 85805 23885 76506 60548 85495 97684 06112 65682 89981
24969 68556 95540 13433 16441 63160 51567 28158 07693 91177
98925 36620 09867 08520 57390 71128 83558 99085 90733 83058
21427 06902 27591 73090 43297 51706 96632 80697 94949 42505
01528 35159 27614 10292 32527 76014 43337 58769 39914 95016
58288 04882 66079 92563 92731 58644 22928 37606 32922 93304
24699 08596 41653 47293 18155 07946 58702 02659 61261 23406
53622 27861 50007 84971 83761 98423 63496 94010 14657 73994
42963 94897 80770 08718 27827 75928 64334 26652 03250 05434
52066 72184 96102 99539 40322 09326 55979 78581 78591 20019
43759 03124 72622 84006 96003 10390 02292 06868 91593 30780
94816 46566 44849 94351 98003 81507 36946 89649 93610 27726
37814 65424 75553 62955 00733 48795 39406 24195 52347 56137
98404 27777 52266 29585 42168 30142 05687 37940 55294 14060
73472

17471/16149/14406 kHz, 07-10, 0910/0930/0950 UTC

01236 00001 00000 35254

14672/13472/12172 kHz, 07-10, 1100/1120/1140 UTC

06566 00001 00000 36664

13452/14452/15852 kHz, 07-10/09-10, 1200/1220/1240 UTC

00429 00162 44578 35155 74825 32185 24107 83581 84429 09090
72891 97257 51886 96877 60852 21942 22185 24295 48438 27668
66657 53410 99697 30043 69384 94222 43095 50766 91644 99648

28425 81014 40030 12061 22215 46672 85176 92869 04621 19558
53214 59111 22734 12781 99523 63946 85557 83772 60287 06375
16048 75302 48915 91511 80961 39493 76241 66403 65266 99399
81017 32913 63685 61038 19431 24041 33481 94601 00666 36959
40641 49103 51842 87861 71156 28930 35303 19375 20440 76439
17050 66472 81254 31910 93482 52169 59584 65626 30524 49051
12727 38495 96887 97322 72791 07498 27423 46575 31599 43155
23905 83466 16747 18798 39865 57799 09439 00721 97480 85454
02482 31225 35871 12612 88984 74320 92876 90124 78871 83120
65314 14488 72520 36456 47527 68274 45507 91413 44452 26487
72551 45262 79293 47714 32699 72086 26073 59000 10757 11342
86925 08838 36749 88162 22420 09507 75909 86821 47908 73276
92471 11640 55218 53374 31962 16849 92185 96641 31894 73729
50895 75446 15502 46140 25445

17438/16338/15938 kHz, 08-10, 0910/0930/0950 UTC

05846 00001 00000 40261

14672/13472/12172 kHz, 08-10, 1100/1120/1140 UTC

01678 00001 0000 00260

17438/16338/15938 kHz, 10-10, 0910/0930/0950 UTC

06244 00001 00000 33263

13906/12106/10906 kHz, 10-10, 1500/1520/1540 UTC

01244 00001 00000 34255

17471/16149/14406 kHz, 12-10/14-10/19-10/21-10, 0910/0930/0950 UTC

07997 00164 88838 50878 58774 26701 38270 45924 49797 70944
14644 09113 13221 07731 63316 08523 29293 37915 93046 37457
25819 37778 01480 34965 92535 87987 18938 19956 98246 35778
14875 41962 46441 43109 48185 82626 66320 20426 33916 29961
71786 04003 01155 70207 84383 11312 73194 68416 87550 72379
57513 39422 14419 87701 69019 55007 91645 27440 28325 54450
36403 50607 17062 87099 01717 68569 81463 48415 70040 57981
51954 23369 04525 24110 06595 53523 00659 29291 97735 97564
92769 18053 83216 75745 80101 49891 17207 01332 68755 82667
08445 82857 38182 50834 94366 82915 97262 95571 73210 29115
92193 82713 58960 17398 13060 20816 74980 84578 14613 96003
75769 44824 79431 02897 34279 11765 46032 35245 33380 45421
64360 26729 36496 41228 74649 32808 04026 93762 44814 21177
40846 05640 65471 40073 08485 69250 39913 48737 97653 58895
28933 38560 16208 04003 44174 96081 84350 07013 36590 01781
61382 60551 52529 49016 02545 14192 60601 77929 29447 77638
25986 60732 35594 72575 62124 67951 17203

13906/12106/10906 kHz, 12-10/17-10, 1500/1520/1540 UTC

08912 00267 99138 74395 46994 90305 07720 31013 69511 91334
88711 79181 60380 26190 14801 54936 09221 48764 32849 12987
92533 13142 74963 48591 29051 93862 37583 13694 65524 72090
11695 34470 30184 89578 80484 93832 20285 22637 03219 33267
37303 73576 99901 18558 77999 45999 78390 21852 06563 82836
22506 71218 71122 98556 74164 78575 34547 73106 16955 75819
12936 01260 60574 65726 24641 72903 01791 98979 75869 94667
53066 71167 01116 40404 26628 05493 67916 72688 08447 17700
68249 52650 11453 24736 08229 00889 50432 05239 35066 97386
96235 55666 74642 68926 30967 21766 95436 66100 90053 94682
24444 76303 83979 03977 22220 80601 36068 42853 28301 60479
47667 30045 63279 08417 89151 19824 04366 37764 56011 19127
17597 49500 30058 26011 73403 23157 60598 88364 42335 78397
22980 41158 34080 33181 26834 90205 14863 34605 27992 48130
93817 08933 30275 58616 77285 05238 27281 30681 29912 98538
18883 57059 97393 17672 35289 95236 43299 71792 21872 73550

44511 28971 70662 16618 35301 74457 30499 63347 00833 33866
84697 13432 16458 01577 90303 43101 24638 99023 27934 63700
12151 19051 49401 68686 94980 41390 94703 31146 41942 88148
24302 26568 44786 62668 57157 99593 41666 31829 57677 21597
75002 90261 96783 11875 44885 37564 98945 15646 21862 70555
32865 35032 80442 52605 87323 06915 50432 45857 98132 48966
57660 15703 68825 85784 94613 38112 71632 69151 68497 78390
57131 85943 19746 33173 28031 09771 83268 07491 67388 03566
30554 34296 48898 91659 82526 13123 87117 23202 28799 98885
78285 83210 49974 41669 92300 38331 73470 62097 01131 76194
88292 06443 10701 87094 79924 68354 02963 65127 23372 03542

14469/16169/17469 kHz, 13-10/18-10, 1200/1220/1240 UTC

00252 00186 64623 93089 60493 48406 76218 56302 74751 74545
37506 38016 18916 30663 78107 79114 16329 20881 38865 33113
80184 57056 83599 42732 97131 64269 48360 62431 97819 64153
81405 91602 83174 80291 23120 87057 33635 79125 27914 43699
57613 45284 71254 62096 46210 80887 13421 40637 36105 07837
40605 81332 60808 62998 15047 58987 97742 86467 68229 22791
95666 56109 04541 95515 81888 41783 43940 95989 97990 66608
24310 69160 04906 33217 90880 95683 57621 89402 01726 34431
68009 39093 38726 51498 18775 14938 08170 47055 84421 19580
14654 46216 33209 93610 36991 17206 41681 93783 47028 25485
04292 34900 60240 12578 38420 48824 33843 64832 30545 71614
50804 97774 06822 81458 80711 96355 51734 93055 80009 92624
10034 52241 72371 92651 18975 41895 94528 72416 34768 61809
23822 02210 70387 01904 10297 17398 53322 67880 28822 86615
87286 87141 50592 66912 36375 29946 47468 18354 02566 63398
58538 84665 69140 54505 66672 02841 86690 44523 05504 64224
83490 02098 90641 98718 73589 93924 70938 68840 67621 90517
38823 87963 08135 59729 12214 49463 53547 33004 72112 24186
67281 72713 75861 56942 86659 65556 84395 81261 13322

13542/12142/11442 kHz, 13-10, 1600/1620/1640 UTC

02991 00001 00000 36263

14672/13472/12172 kHz, 14-10/15-10/21-10/22-10, 1100/1120/1140 UTC

09107 00125 91493 83376 00229 01292 65053 85668 72039 24005
87665 88313 42886 11264 41654 11695 45869 51448 00871 40723
11882 12845 62419 84211 11706 06784 18672 17702 52187 07330
17271 56319 20880 99854 33878 65833 82476 90714 82944 27436
79433 58528 49397 09503 58165 83574 14059 31438 40663 44935
97513 89014 33610 97218 42123 67988 77609 50398 12097 48643
19658 27781 21336 94755 64555 18555 97922 01488 15278 03649
18102 93766 50862 17407 61691 10277 51311 09844 85692 96742
71852 39329 42152 96680 09830 20800 84649 30434 33748 30856
13385 77275 01396 33144 01428 19560 10391 70050 45012 42281
14367 49365 42982 31869 05521 63220 77739 03009 76684 49061
91086 20380 47168 09234 82854 16294 73626 03148 47525 04093
00966 94244 43645 09937 08044 45126 33535 70402

13452/14452/15852 kHz, 14-10/16-10, 1200/1220/1240 UTC

00392 00186 58969 97797 65648 86940 67273 27280 02193 87498
42929 61064 38974 59746 27852 75581 69534 91053 99168 07179
30243 62184 17828 09750 76165 92274 23580 09278 31940 57024
81043 35994 68002 68927 44595 46395 91772 45725 84874 15298
14442 69213 57316 08110 74105 90491 31062 46531 50100 12917
98113 41392 87503 72610 19935 01757 41666 19126 53780 11595
60132 91182 26627 13384 16116 54553 77383 22309 39463 60451
34773 65735 77531 69349 72341 62739 93259 01138 31921 00004
02073 12093 10865 66064 81829 86424 21284 74286 52168 26457
88533 95185 90089 74657 68792 51984 79654 89857 25882 89260
18776 63672 56779 06695 66735 99459 07064 57719 83747 65856

91169 70221 39249 89138 54179 36835 35225 58576 29654 34448
24038 54933 51383 67814 12168 11741 29801 15552 13211 64918
06882 06016 52412 42454 04718 92955 66129 93222 85657 02393
49858 05878 57407 98449 44682 54923 69575 16689 98518 02994
19382 12929 30378 14150 89087 16693 23091 60520 39345 30482
42703 48805 12877 03263 43302 23344 35228 14971 44613 97374
04910 57681 28903 44705 11356 82540 01293 08622 33018 54391
89160 92159 33589 81593 91855 05817 79336 29407 53315

17438/16338/15938 kHz, 15-10/17-10/22-10/24-10, 0910/0930/0950 UTC

07299 00187 23037 94484 42396 53094 99586 20692 81719 10302
15903 90721 73301 38573 74638 46365 64201 15647 97142 25032
33023 82813 74727 01524 80694 72352 25080 21225 29512 11344
48410 28574 45156 62919 27686 16269 64455 03995 30158 00845
76747 06493 88689 54468 20040 91018 39055 19152 86727 25047
73791 22670 35635 92908 54039 41809 19902 93512 50183 27969
10689 91002 26577 30500 14649 99741 27963 01648 55867 39887
22322 74712 39536 86179 51308 65645 74835 96524 79608 27751
91932 53274 48730 13434 74282 37443 44608 46813 91029 78827
12944 47149 22948 90566 44873 81218 89650 40943 61677 43951
47351 17965 34363 00301 46505 36051 61624 45937 31178 19058
34062 82374 22706 79366 43318 19513 90238 42306 29195 23573
84677 76489 01565 57058 17573 58747 97257 29006 67453 16743
59143 64286 88202 12566 33468 07459 59251 10393 77582 12986
92431 15909 18481 96621 14819 88289 34300 42825 81474 49562
20835 29582 57365 70529 13060 60784 65814 32900 75015 23651
31327 21766 39543 75581 13426 98454 94819 04478 75815 91240
52227 92920 99377 48680 20031 17616 20850 55732 33993 28022
21468 15804 45783 68233 92122 00011 68931 49459 72715 41341

13542/12142/11442 kHz, 15-10, 1600/1620/1640 UTC

01848 00001 00000 11255

13372/14672/15872 kHz, 19-10, 0700/0720/0740 UTC

06057 00001 00000 34663

13906/12106/10906 kHz, 19-10, 1500/1520/1540 UTC

02929 00001 00000 42254

14469/16169/17469 kHz, 20-10/25-10/27-10, 1200/1220/1240 UTC

00440 00206 24711 89723 89659 56659 77215 35297 38246 64291
35659 21308 48235 94848 13264 24103 05979 87145 62300 88150
79100 52824 96563 10531 59934 64996 09645 60602 59446 38117
82056 40380 73828 46180 03202 26893 73768 18340 23496 42064
61819 37865 60784 17516 89206 15271 42196 99748 64139 16570
31684 94583 88273 38879 06296 50912 51100 56386 52349 47364
58052 72318 93971 16797 18659 52337 00318 78442 08644 88865
87680 61937 51944 43285 61156 57731 02560 54230 57991 58243
41808 89099 55247 10493 62034 87823 94067 42283 70777 93224
65045 43176 94153 00560 60878 25881 18246 65077 26410 29618
51932 57146 55023 90825 27797 50686 40289 20939 62774 87128
46197 03603 74577 34957 75566 25253 34771 13496 03889 31216
99413 23748 87432 86130 19247 47645 68704 00866 02074 58065
15744 85629 16929 62488 94856 97608 87848 64722 05058 87307
47365 31805 77942 20424 52724 31354 65723 42230 47688 54190
10488 79973 68541 87996 14061 27813 74225 54713 99675 71759
19230 60896 39716 39388 74735 04549 71641 05255 48767 73970
68323 18851 01943 46762 08523 31993 03042 09707 43592 88079
90034 13435 12599 06594 33575 65363 84672 72675 65216 12115
84385 48780 73760 19974 35059 41151 00714 02826 69340 59669
97892 41998 67115 81996 72703 17596 98509 86353 57075

13542/12142/11442 kHz, 20-10/22-10, 1600/1620/1640 UTC

07101 00296 83003 70190 31449 09023 33776 98067 10480 96016
62738 83035 46163 61413 99914 29905 56306 31022 21407 40932
28618 55616 70812 20071 23599 98264 30461 58051 22163 17024
61437 07776 57084 32468 16855 02553 59447 67066 30527 60473
47393 08312 14002 59264 22412 19215 25384 68185 81626 05300
81758 31703 14753 38594 50279 49706 61818 94995 11035 08871
31005 54542 48878 38284 79915 48572 82312 76512 78478 78339
24297 13211 27754 74722 69630 98240 37691 74707 14626 88344
09642 57248 75615 73088 47424 31798 54761 53622 84702 18804
84346 16615 87221 66234 59577 52501 94699 59821 63149 97749
26310 59844 33102 58204 63549 22679 29629 26633 46260 45657
45325 49786 47430 09012 46662 89716 84714 88688 49351 79821
02217 01289 05064 82876 42804 71485 24703 86303 21543 86075
17239 82338 23990 59777 73003 42259 20608 23483 89827 90743
81387 71340 55523 63008 86283 71891 31641 75439 44156 37397
06648 99587 05525 22692 20230 26621 13009 23443 15360 71646
46965 22746 47596 85135 23526 41866 04059 65394 32450 63648
19271 78603 81465 86628 44417 42757 59349 57331 40051 72146
89417 88748 69166 30596 03115 63761 84672 10239 12514 54305
08984 90976 45722 42486 78975 00953 86405 81523 35598 88686
37279 33478 65513 12964 45415 53441 71332 03886 54285 92250
68522 45464 26126 19832 56980 27229 19095 04324 01722 77814
31136 04411 48279 36119 44277 31885 69094 63850 09981 04295
90416 41920 04741 63894 41929 00138 61894 12188 19535 35800
19669 03029 08020 84943 28465 48051 32334 47095 34636 04738
84444 16498 72864 03148 25297 13873 47438 15723 32205 46056
48802 86846 12809 86848 35648 56844 49918 90013 33124 62961
95607 74516 72756 83257 20892 21198 01363 81456 97054 18102
22493 15038 75456 12211 31544 71743 32737 34265 47815 94887
33040 12811 80074 97880 04204 66736 53838 92967 00445

13372/14672/15872 kHz, 21-10, 0700/0720/0740 UTC

09632 00001 00000 35264

13452/14452/15852 kHz, 21-10/23-10, 1200/1220/1240 UTC

00306 00154 13392 65438 51537 63384 54550 25007 48803 00048
11363 67553 47404 77414 63642 00183 35407 12000 73258 44688
75869 79049 75146 75876 02101 36136 30224 24661 85735 14803
59139 17061 98533 97419 07284 78811 57423 89008 91008 68369
11567 11519 13228 67530 29033 86908 04556 98232 83873 81495
51876 13149 78811 76134 38135 28087 06186 18569 18111 58930
67146 46600 52951 63318 54762 56967 06291 00436 66509 39871
98396 81887 53599 71477 09203 97229 96482 91354 67379 37027
18389 78159 49557 23513 23877 79740 07845 53853 27936 23227
84864 65194 11335 44382 10036 13280 48984 39453 05077 21572
82759 01378 16971 10741 18858 05640 64483 19117 42454 56841
43896 91726 74352 14966 33128 58743 27765 05959 91197 47093
90064 33830 88116 66425 28900 12175 73546 94341 48184 60520
34681 45698 97090 92503 71886 25815 87992 61557 75990 15012
34766 81353 86136 51901 29521 11415 64752 09880 42328 11770
94998 18315 50463 47556 01503 42171 32101

13906/12106/10906 kHz, 24-10, 1500/1520/1540 UTC

04139 00001 00000 36257

13372/14672/15872 kHz, 26-10, 0700/0720/0740 UTC

01976 00001 00000 40660

17471/16149/14406 kHz, 26-10, 0910/0930/0950 UTC

09564 00001 00000 35667

13906/12106/10906 kHz, 26-10/31-10, 1500/1520/1540 UTC

09443 00201 03535 20164 60441 24777 61628 47558 25140 52381
24811 29487 85930 22723 72989 59538 74487 22872 90071 71848
36525 45846 38290 55426 46239 45215 30726 07854 92413 54916
79135 66967 27104 83609 36464 24127 06164 15833 58528 17963
35998 67199 42790 10751 44005 15526 82717 95622 39255 82336
36358 37291 64775 72484 65446 94794 70663 13474 20770 24365
89511 59603 58277 58277 42385 44125 24782 69812 49229 62673
29815 70113 04102 27243 38224 70068 46240 54636 66023 39555
35854 85191 23656 32447 21963 82144 68857 28179 94487 75585
52088 94567 95557 96182 90493 89440 17755 45052 36724 69970
60289 27222 37874 23038 88440 68821 18106 89017 61786 96404
79027 93023 24144 50170 15860 12750 24154 96451 46623 18235
81261 21679 36525 63840 07326 10315 94600 91979 57844 44307
73844 72101 30477 00243 59964 42272 04057 25989 73272 01842
83242 12462 59299 53963 65974 85454 77837 97743 16043 80134
65241 79225 89874 56544 72072 17539 19057 29917 21372 58167
52788 94443 61492 22249 31176 94217 55341 89251 30929 71737
81803 38195 99207 99996 94722 51805 36418 50454 21217 68365
10884 00727 77513 91325 66734 04377 87567 80358 39136 60926
99547 31320 31395 53810 30694 29633 20784 38054 63245 58271
63471 21276 50302 73152

14537/13437/10737 kHz, 27-10, 1100/1120/1140 UTC

06660 00001 00000 34264

13542/12142/11442 kHz, 27-10, 1600/1620/1640 UTC

09819 00001 00000 41662

13372/14672/15872 kHz, 28-10, 0700/0720/0740 UTC

09161 00001 00000 32267

17471/16149/14406 kHz, 28-10, 0910/0930/0950 UTC

01388 00001 00000 36661

14672/13472/12172 kHz, 28-10, 1100/1120/1140 UTC

02740 00001 00000 34656

13452/14452/15852 kHz, 28-10/30-10, 1200/1220/1240 UTC

00562 00214 75402 04249 68373 81260 05438 80176 42788 98115
95966 73235 12823 56989 97066 28663 42461 60041 00268 65397
81111 46874 04835 29844 85166 02898 06961 83705 64765 71770
36172 00179 45080 44316 79976 72907 77298 68152 27719 82801
25516 21406 88726 27191 89130 93277 19915 22334 43700 75433
11421 11775 95959 91075 71516 54049 26747 66972 75648 95317
97806 40435 52025 05855 21302 44503 82139 63161 85232 23080
30817 28483 30510 46244 37814 78290 00542 96181 99308 80448
16743 93955 00477 36466 75489 37702 92941 28739 74691 07386
48718 91618 33516 38214 82627 11435 21337 40677 33217 14535
74926 69664 92803 48289 61903 74994 71111 37476 31528 56438
24645 62980 57666 81233 89812 43836 78111 50989 47072 19024
62309 96787 33008 72381 30325 59975 27170 34070 46482 33063
30102 64783 08777 09861 26453 47473 21985 78665 02980 81675
42119 24439 89046 18779 32066 24322 10292 64363 91974 27103
28973 95782 23317 07496 84500 13958 53730 58100 73087 20931
35774 40811 27357 12321 11884 42577 76732 97005 03914 35284
58360 29044 65298 13903 69768 14290 57083 41022 24155 36786
19961 02671 30694 07789 95364 51048 64500 92722 02363 83098
63156 51010 36938 39089 94668 87645 78763 03786 41628 22208
81343 39529 18317 28714 61980 34857 69525 27824 07288 79856
61363 95545 25947 71248 98193 98204 5673

17438/16338/15938 kHz, 29-10, 0910/0930/0950 UTC
05494 00001 00000 35266

13542/12142/11442 kHz, 29-10, 1600/1620/1640 UTC
04187 00001 00000 35264

14537/13437/10737 kHz, 30-10, 1100/1120/1140 UTC
06371 00001 00000 33265

17438/16338/15938 kHz, 31-10, 0910/0930/0950 UTC
02789 00001 00000 41262

XPB1

13471 kHz, 06-10/12-10/13-10/19-10/26-10/27-10, 0500 UTC
14771 kHz, 06-10/12-10/13-10/19-10/26-10/27-10, 0510 UTC
15871 kHz, 06-10/12-10/13-10/19-10/26-10/27-10, 0520 UTC
16271 kHz, 06-10/12-10/13-10/19-10/26-10/27-10, 0530 UTC
17471 kHz, 06-10/12-10/13-10/19-10/26-10/27-10, 0540 UTC
18271 kHz, 06-10/12-10/13-10/19-10/26-10/27-10, 0550 UTC

14462 kHz, 03-10/05-10/12-10/17-10/19-10/24-10/26-10/31-10, 1200 UTC
13962 kHz, 03-10/05-10/12-10/17-10/19-10/24-10/26-10/31-10, 1210 UTC
13462 kHz, 03-10/05-10/12-10/17-10/19-10/24-10/26-10/31-10, 1220 UTC
12162 kHz, 03-10/05-10/12-10/17-10/19-10/24-10/26-10/31-10, 1230 UTC
11562 kHz, 03-10/05-10/12-10/17-10/19-10/24-10/26-10/31-10, 1240 UTC
10962 kHz, 03-10/05-10/12-10/17-10/19-10/24-10/26-10/31-10, 1250 UTC

9323 kHz, 04-10/06-10/11-10/13-10/18-10/20-10/25-10/27-10, 1900 UTC
8123 kHz, 04-10/06-10/11-10/13-10/18-10/20-10/25-10/27-10, 1910 UTC
7723 kHz, 04-10/06-10/11-10/13-10/18-10/20-10/25-10/27-10, 1920 UTC
6923 kHz, 04-10/06-10/11-10/13-10/18-10/20-10/25-10/27-10, 1930 UTC
5823 kHz, 04-10/06-10/11-10/13-10/18-10/20-10/25-10/27-10, 1940 UTC
5123 kHz, 04-10/06-10/11-10/13-10/18-10/20-10/25-10/27-10, 1950 UTC

XSL - Japan Maritime Self-Defense Force (海上自衛隊 Kaijō Jieitai)

4153, 4231.5, 4291, 6250, 6417, 6445, 8313, 8587.5 kHz, 15-10, 1439 UTC, QSPK 1500Bp

4153, 4231.5, 4291, 6250, 6417, 6445, 8313, 8587.5 kHz, 31-10, 1405 UTC, QPSK 1500Bd

DIPLOMATIC STATIONS

Egyptian diplomatic stations

4178.7 kHz, 24-10/25-10, 1714 UTC, SITOR-A 100/170 Egyptian diplo i.p.

UTILITY ROUND-UP

PROMRÖ

4735 kHz, 02-10, 0700 UTC

VVV PROMRÖ = 0210 =
1000 0540 0280 0720 1080
1200 0550 0300 0740 1110
1400 0540 0290 0720 1080
1600 0510 0260 0680 1020
1800 0510 0200 0660 0970
2000 0480 0200 0590 0820
2200 0410 0200 0500 0700
2400 0360 0200 0420 0590
0200 0340 0200 0400 0550
0400 0320 0200 0380 0520
0600 0320 0200 0400 0580
0800 0480 0230 0640 0960
= ABV

VVV PROMRÖ = 0210 =
1000 0540 0280 0720 1080
1200 0550 0300 0740 1110
1400 0540 0290 0720 1080
1600 0510 0260 0680 1020
1800 0510 0200 0660 0970
2000 0480 0200 0590 0820
2200 0410 0200 0500 0700
2400 0360 0200 0420 0590
0200 0340 0200 0400 0550
0400 0320 0200 0380 0520
0600 0320 0200 0400 0580
0800 0480 0230 0640 0960
= AR

4735 kHz, 07-10, 0701 UTC

VVV PROMRÖ = 0710 =
1000 0540 0290 0730 1110
1200 0560 0310 0750 1140
1400 0550 0300 0730 1110
1600 0530 0270 0700 1050
1800 0500 0200 0660 0980
2000 0440 0200 0550 0780
2200 0380 0200 0460 0560
0000 0340 0200 0410 0560
0200 0330 0200 0390 0540
0400 0310 0200 0370 0510
0600 0300 0200 0390 0570
0800 0490 0240 0660 1000
= ABV =

VVV PROMRÖ = 0710 =
1000 0540 0290 0730 1110
1200 0560 0310 0750 1140
1400 0550 0300 0730 1110
1600 0530 0270 0700 1050
1800 0500 0200 0660 0980
2000 0440 0200 0550 0780
2200 0380 0200 0460 0560
0000 0340 0200 0410 0560
0200 0330 0200 0390 0540
0400 0310 0200 0370 0510
0600 0300 0200 0390 0570
0800 0490 0240 0660 1000
= AR

4735 kHz, 03-10, 0700 UTC

VVV PROMRÖ = 03 10 =
1000 0280 0290 0720 1090
1200 0560 0310 0740 1120
1400 0540 0310 0720 1080
1600 0520 0270 0690 1020
1800 0510 0200 0660 0980
2000 0470 0200 0570 0810
2200 0400 0200 0490 0690
2400 0360 0200 0420 0580
0200 0340 0200 0400 0550
0400 0320 0200 0380 0520
0600 0310 0200 0400 0580
0800 0480 0240 0640 0970
= ABV

VVV PROMRÖ = 03 10 =
1000 0280 0290 0720 1090
1200 0560 0310 0740 1120
1400 0540 0310 0720 1080
1600 0520 0270 0690 1020
1800 0510 0200 0660 0980
2000 0470 0200 0570 0810
2200 0400 0200 0490 0690
2400 0360 0200 0420 0580
0200 0340 0200 0400 0550
0400 0320 0200 0380 0520
0600 0310 0200 0400 0580
0800 0480 0240 0640 0970
= AR

4735 kHz, 08-10, 0700 UTC

VVV PROMRÖ = 08 10 =
1000 0540 0290 0740 1120
1200 0570 0310 0760 1150
1400 0550 0300 0740 1110
1600 0530 0260 0710 1060
1800 0510 0200 0670 0990
2000 0440 0200 0550 0780
2200 0380 0200 0460 0650
2400 0340 0200 0410 0560
0200 0330 0200 0390 0540
0400 0310 0200 0370 0520
0600 0300 0200 0390 0570
0800 0490 0240 0660 1000
= ABV

VVV PROMRÖ = 08 10 =
1000 0540 0290 0740 1120
1200 0570 0310 0760 1150
1400 0550 0300 0740 1110
1600 0530 0260 0710 1060
1800 0510 0200 0670 0990
2000 0440 0200 0550 0780
2200 0380 0200 0460 0650
2400 0340 0200 0410 0560
0200 0330 0200 0390 0540
0400 0310 0200 0370 0520
0600 0300 0200 0390 0570
0800 0490 0240 0660 1000
= AR

4735 kHz, 05-10, 0700 UTC

VVV PROMRÖ = 0510 =
1000 0540 0290 0730 1100
1200 0560 0310 0750 1130
1400 0540 0310 0730 1090
1600 0520 0270 0690 1040
1800 0500 0200 0650 0970
2000 0450 0200 0550 0780
2200 0390 0200 0470 0670
0000 0350 0200 0410 0580
0200 0340 0200 0400 0550
0400 0320 0200 0370 0520
0600 0310 0200 0390 0570
0800 0480 0240 0650 0980
= ABV

VVV PROMRÖ = 0510 =
1000 0540 0290 0730 1100
1200 0560 0310 0750 1130
1400 0540 0310 0730 1090
1600 0520 0270 0690 1040
1800 0500 0200 0650 0970
2000 0450 0200 0550 0780
2200 0390 0200 0470 0670
0000 0350 0200 0410 0580
0200 0340 0200 0400 0550
0400 0320 0200 0370 0520
0600 0310 0200 0390 0570
0800 0480 0240 0650 0980
= AR

4735 kHz, 09-10, 0700 UTC

VVV PROMRÖ = 0910 =
1000 0550 0280 0740 1130
1200 0570 0300 0770 1160
1400 0560 0290 0740 1120
1600 0540 0250 0710 1070
1800 0510 0200 0650 0950
2000 0440 0200 0550 0780
2200 0380 0200 0460 0640
2400 0340 0200 0410 0560
0200 0330 0200 0400 0540
0400 0320 0200 0370 0520
0600 0300 0200 0380 0560
0800 0490 0230 0670 1010
= ABV

VVV PROMRÖ = 0910 =
1000 0550 0280 0740 1130
1200 0570 0300 0770 1160
1400 0560 0290 0740 1120
1600 0540 0250 0710 1070
1800 0510 0200 0650 0950
2000 0440 0200 0550 0780
2200 0380 0200 0460 0640
2400 0340 0200 0410 0560
0200 0330 0200 0400 0540
0400 0320 0200 0370 0520
0600 0300 0200 0380 0560
0800 0490 0230 0670 1010
= AR

4735 kHz, 06-10, 0700 UTC

VVV PROMRÖ = 06 10 =
1000 0540 0280 0730 1100
1200 0560 0300 0750 1130
1400 0540 0290 0730 1100
1600 0520 0260 0700 1040
1800 0500 0200 0650 0970
2000 0450 0200 0550 0780
2200 0380 0200 0470 0660
2400 0340 0200 0410 0560
0200 0330 0200 0390 0540
0400 0310 0200 0370 0510
0600 0300 0200 0390 0570
0800 0480 0230 0650 0980
= ABV =

VVV PROMRÖ = 06 10 =
1000 0540 0280 0730 1100
1200 0560 0300 0750 1130
1400 0540 0290 0730 1100
1600 0520 0260 0700 1040
1800 0500 0200 0650 0970
2000 0450 0200 0550 0780
2200 0380 0200 0470 0660
2400 0340 0200 0410 0560
0200 0330 0200 0390 0540
0400 0310 0200 0370 0510
0600 0300 0200 0390 0570
0800 0480 0230 0650 0980
= AR

4735 kHz, 10-10, 0700 UTC

VVV PROMRÖ = 10 10 =
1000 0550 0280 0750 1130
1200 0580 0310 0770 1170
1400 0560 0290 0750 1130
1600 0540 0250 0720 1080
1800 0510 0200 0650 0950
2000 0440 0200 0550 0780
2200 0370 0200 0450 0640
0000 0340 0200 0400 0560
0200 0330 0200 0390 0540
0400 0310 0200 0380 0520
0600 0300 0200 0380 0560
0800 0490 0230 0670 0120
= ABV

VVV PROMRÖ = 10 10 =
1000 0550 0280 0750 1130
1200 0580 0310 0770 1170
1400 0560 0290 0750 1130
1600 0540 0250 0720 1080
1800 0510 0200 0650 0950
2000 0440 0200 0550 0780
2200 0370 0200 0450 0640
0000 0340 0200 0400 0560
0200 0330 0200 0390 0540
0400 0310 0200 0380 0520
0600 0300 0200 0380 0560
0800 0490 0230 0670 0120
= AR

4735 kHz, 11-10, 0700 UTC

VVVVV PROMRÖ = 1110 =
 1000 0550 0290 0750 1140
 1200 0580 0310 0780 1180
 1400 0560 0300 0760 1140
 1600 0540 0260 0720 1090
 1800 0510 0200 0650 0950
 2000 0430 0200 0540 0770
 2200 0370 0200 0450 0630
 0000 0370 0200 0400 0560
 0200 0330 0200 0390 0540
 0400 0320 0200 0380 0520
 0600 0290 0200 0380 0560
 0800 0500 0240 0680 1030

= ABV

VVVVV PROMRÖ = 1110 =
 1000 0550 0290 0750 1140
 1200 0580 0310 0780 1180
 1400 0560 0300 0760 1140
 1600 0540 0260 0720 1090
 1800 0510 0200 0650 0950
 2000 0430 0200 0540 0770
 2200 0370 0200 0450 0630
 0000 0370 0200 0400 0560
 0200 0330 0200 0390 0540
 0400 0320 0200 0380 0520
 0600 0290 0200 0380 0560
 0800 0500 0240 0680 1030

= AR

4735 kHz, 12-10, 0700 UTC

VVVVV PROMRÖ = 12 10 =
 1000 0550 0280 0750 1150
 1200 0580 0300 0780 1190
 1400 0570 0290 0760 1140
 1600 0540 0250 0720 1090
 1800 0510 0200 0650 0950
 2000 0430 0200 0530 0760
 2200 0360 0200 0440 0620
 2400 0330 0200 0400 0550
 0200 0320 0200 0390 0540
 0400 0310 0200 0370 0520
 0600 0290 0200 0380 0550
 0800 0500 0230 0680 1040

= ABV =

VVVVV PROMRÖ = 12 10 =
 1000 0550 0280 0750 1150
 1200 0580 0300 0780 1190
 1400 0570 0290 0760 1140
 1600 0540 0250 0720 1090
 1800 0510 0200 0650 0950
 2000 0430 0200 0530 0760
 2200 0360 0200 0440 0620
 2400 0330 0200 0400 0550
 0200 0320 0200 0390 0540
 0400 0310 0200 0370 0520
 0600 0290 0200 0380 0550
 0800 0500 0230 0680 1040

= AR

4735 kHz, 13-10, 0700 UTC

VVVVV PROMRÖ = 13 10 =
 1000 0560 0290 0760 1160
 1200 0590 0310 0790 1190
 1400 0570 0300 0760 1150
 1600 0550 0260 0730 1100
 1800 0510 0200 0650 0950
 2000 0420 0200 0530 0750
 2200 0350 0200 0430 0610
 0000 0330 0200 0400 0550
 0200 0320 0200 0390 0540
 0400 0310 0200 0370 0520
 0600 0290 0200 0370 0550
 0800 0500 0240 0690 1040

= ABV =

VVVVV PROMRÖ = 13 10 =
 1000 0560 0290 0760 1160
 1200 0590 0310 0790 1190
 1400 0570 0300 0760 1150
 1600 0550 0260 0730 1100
 1800 0510 0200 0650 0950
 2000 0420 0200 0530 0750
 2200 0350 0200 0430 0610
 0000 0330 0200 0400 0550
 0200 0320 0200 0390 0540
 0400 0310 0200 0370 0520
 0600 0290 0200 0370 0550
 0800 0500 0240 0690 1040

= AR

4735 kHz, 14-10, 0700 UTC

VVVVV PROMRÖ = 14 10 =
 1000 0560 0290 0770 1170
 1200 0590 0310 0790 1200
 1400 0570 0300 0760 1150
 1600 0550 0260 0730 1100
 1800 0510 0200 0650 0950
 2000 0420 0200 0520 0750
 2200 0350 0200 0430 0600
 2400 0330 0200 0390 0550
 0200 0320 0200 0390 0530
 0400 0310 0200 0370 0520
 0600 0290 0200 0370 0550
 0800 0500 0240 0690 1050

= ABV =

VVVVV PROMRÖ = 14 10 =
 1000 0560 0290 0770 1170
 1200 0590 0310 0790 1200
 1400 0570 0300 0760 1150
 1600 0550 0260 0730 1100
 1800 0510 0200 0650 0950
 2000 0420 0200 0520 0750
 2200 0350 0200 0430 0600
 2400 0330 0200 0390 0550
 0200 0320 0200 0390 0530
 0400 0310 0200 0370 0520
 0600 0290 0200 0370 0550
 0800 0500 0240 0690 1050

= AR

4735 kHz, 15-10, 0700 UTC

VVV PROMRÖ = 15 10 =
 1000 0560 0280 0770 1170
 1200 0590 0300 0800 1210
 1400 0570 0290 0760 1160
 1600 0550 0250 0740 1110
 1800 0500 0200 0650 0940
 2000 0410 0200 0510 0740
 2200 0340 0200 0420 0590
 0000 0320 0200 0390 0540
 0200 0320 0200 0380 0530
 0400 0310 0200 0370 0520
 0600 0290 0200 0370 0550
 0800 0500 0230 0690 1060

= ABV

VVV VVV PROMRÖ = 15 10 =
 1000 0560 0280 0770 1170
 1200 0590 0300 0800 1210
 1400 0570 0290 0760 1160
 1600 0550 0250 0740 1110
 1800 0500 0200 0650 0940
 2000 0410 0200 0510 0740
 2200 0340 0200 0420 0590
 0000 0320 0200 0390 0540
 0200 0320 0200 0380 0530
 0400 0310 0200 0370 0520
 0600 0290 0200 0370 0550
 0800 0500 0230 0690 1060

= AR

4735 kHz, 16-10, 0700 UTC

VVVVVVVVV PROMRÖ = 1610 =
 1000 0560 0280 0770 1180
 1200 0600 0300 080 01220
 1400 0570 0290 0770 1160
 1600 0550 0250 0740 1120
 1800 0500 0200 0650 0950
 2000 0410 0200 0510 0730
 2200 0340 0200 0410 0590
 2400 0320 0200 0390 0540
 0200 0310 2000 0380 0530
 0400 0290 0200 0370 0520
 0600 0510 0230 0370 0540
 0800 0560 0280 0700 1070

= ABV VVVVVVVV

VVVVVVVVV PROMRÖ = 1610 =
 1000 0560 0280 0770 1180
 1200 0600 0300 080 01220
 1400 0570 0290 0770 1160
 1600 0550 0250 0740 1120
 1800 0500 0200 0650 0950
 2000 0410 0200 0510 0730
 2200 0340 0200 0410 0590
 2400 0320 0200 0390 0540
 0200 0310 2000 0380 0530
 0400 0290 0200 0370 0520
 0600 0510 0230 0370 0540
 0800 0560 0280 0700 1070

= AR

4735 kHz, 17-10

Tests at 0700, 0706, and 0710
 UTC but no message was sent

4735 kHz, 18-10, 0700 UTC

VVV VVV PROMRÖ = 18 10 =
 1000 0570 0290 0780 1200
 1200 0610 0310 0820 1240
 1400 0580 0300 0780 1180
 1600 0560 0260 0760 1140
 1800 0500 0200 0640 0950
 2000 0400 0200 0500 0720
 2200 0330 0200 0410 0570
 0000 0320 0200 0390 0540
 0200 0320 0200 0380 0530
 0400 0310 0200 0380 0520
 0600 0280 0200 0370 0540
 0800 0520 0240 0710 1090

= ABV =

VVV VVV PROMRÖ = 18 10 =
 1000 0570 0290 0780 1200
 1200 0610 0310 0820 1240
 1400 0580 0300 0780 1180
 1600 0560 0260 0760 1140
 1800 0500 0200 0640 0950
 2000 0400 0200 0500 0720
 2200 0330 0200 0410 0570
 0000 0320 0200 0390 0540
 0200 0320 0200 0380 0530
 0400 0310 0200 0380 0520
 0600 0280 0200 0370 0540
 0800 0520 0240 0710 1090

= AR

4735 kHz, 19-10, 0707 UTC

VVVVV PROMRÖ = 1910 =
 1000 0580 0290 0790 1210
 1200 0620 0310 0820 1240
 1400 0590 0300 0790 1190
 1600 0570 0250 0770 1150
 1800 0500 0200 0650 0950
 2000 0400 0200 0500 0720
 2200 0330 0200 0410 0570
 0000 0320 0200 0390 0540
 0200 0320 0200 0380 0530
 0400 0320 0200 0380 0520
 0600 0290 0200 0370 0540
 0800 0520 0240 0720 1100

= ABV

VVVVV PROMRÖ = 1910 =
 1000 0580 0290 0790 1210
 1200 0620 0310 0820 1240
 1400 0590 0300 0790 1190
 1600 0570 0250 0770 1150
 1800 0500 0200 0650 0950
 2000 0400 0200 0500 0720
 2200 0330 0200 0410 0570
 0000 0320 0200 0390 0540
 0200 0320 0200 0380 0530
 0400 0320 0200 0380 0520
 0600 0290 0200 0370 0540
 0800 0520 0240 0720 1100

= AR

4735 kHz, 21-10, 0701 UTC

VVVVV PROMRÖ = 21 10 =
 1000 0590 0270 0810 1230
 1200 0630 0290 0840 1270
 1400 0600 0280 0800 1210
 1600 0590 0240 0790 1190
 1800 0510 0200 0660 0970
 2000 0400 0200 0500 0730
 2200 0330 0200 0410 0570
 2400 0330 0200 0390 0540
 0200 0330 0200 0390 0540
 0400 0320 0200 0390 0540
 0600 0290 0200 0370 0550
 0800 0530 0230 0740 1130

= ABV =

VVVVV PROMRÖ = 21 10 =
 1000 0590 0270 0810 1230
 1200 0630 0290 0840 1270
 1400 0600 0280 0800 1210
 1600 0590 0240 0790 1190
 1800 0510 0200 0660 0970
 2000 0400 0200 0500 0730
 2200 0330 0200 0410 0570
 2400 0330 0200 0390 0540
 0200 0330 0200 0390 0540
 0400 0320 0200 0390 0540
 0600 0290 0200 0370 0550
 0800 0530 0230 0740 1130

= AR

4735 kHz, 22-10, 0700 UTC

VVVVV PROMRÖ = 22 10 =
 1000 0590 0290 0810 1230
 1200 0630 0310 0840 1270
 1400 0600 0300 0810 1210
 1600 0590 0250 0790 1190
 1800 0510 0200 0660 0970
 2000 0400 0200 0510 0730
 2200 0330 0020 0410 0570
 0000 0330 0200 0400 0540
 0200 0330 0200 0390 0550
 0400 0330 0200 0390 0540
 0600 0290 0200 0380 0550
 0800 0540 0240 0740 1130

= ABV =

VVVVV PROMRÖ = 22 10 =
 1000 0590 0290 0810 1230
 1200 0630 0310 0840 1270
 1400 0600 0300 0810 1210
 1600 0590 0250 0790 1190
 1800 0510 0200 0660 0970
 2000 0400 0200 0510 0730
 2200 0330 0020 0410 0570
 0000 0330 0200 0400 0540
 0200 0330 0200 0390 0550
 0400 0330 0200 0390 0540
 0600 0290 0200 0380 0550
 0800 0540 0240 0740 1130

= AR

4735 kHz, 23-10, 0700 UTC

VVVVV PROMRÖ = 2310 =
 1000 0590 0290 0810 1230
 1200 0640 0300 0850 1280
 1400 0600 0290 0810 1220
 1600 0590 0250 0790 1200
 1800 0510 0200 0660 0970
 2000 0400 0200 0510 0730
 2200 0340 0200 0410 0570
 0000 0330 0200 0400 0550
 0200 0340 0200 0390 0550
 0400 0330 0200 0390 0540
 0600 0290 0200 0380 0550
 0800 0540 0240 0740 1130

= ABV

VVVVV PROMRÖ = 2310 =
 1000 0590 0290 0810 1230
 1200 0640 0300 0850 1280
 1400 0600 0290 0810 1220
 1600 0590 0250 0790 1200
 1800 0510 0200 0660 0970
 2000 0400 0200 0510 0730
 2200 0340 0200 0410 0570
 0000 0330 0200 0400 0550
 0200 0340 0200 0390 0550
 0400 0330 0200 0390 0540
 0600 0290 0200 0380 0550
 0800 0540 0240 0740 1130

= AR

Moved to winter time**4735 kHz, 25-10, 0800 UTC**

VVVVV PROMRÖ = 2510 =
 1000 0630 0270 0840 1270
 1200 0670 0290 0880 1310
 1400 0640 0280 0830 1240
 1600 0620 0240 0820 1220
 1800 0520 0200 0670 0980
 2000 0410 0200 0520 0750
 2200 0340 0200 0420 0580
 2400 0340 0200 0410 0560
 0200 0340 0200 0400 0560
 0400 0340 020 00400 0550
 0600 0300 0200 0390 0560
 0800 0550 0220 0750 1140

= ABV

VVVVV PROMRÖ = 2510 =
 1000 0630 0270 0840 1270
 1200 0670 0290 0880 1310
 1400 0640 0280 0830 1240
 1600 0620 0240 0820 1220
 1800 0520 0200 0670 0980
 2000 0410 0200 0520 0750
 2200 0340 0200 0420 0580
 2400 0340 0200 0410 0560
 0200 0340 0200 0400 0560
 0400 0340 020 00400 0550
 0600 0300 0200 0390 0560
 0800 0550 0220 0750 1140

= AR

4735 kHz, 26-10, 0800 UTC

VVVVV PROMRÖ = 26 10 =
 1000 0600 0280 0820 1240
 1200 0650 0300 0850 1280
 1400 0610 0290 0810 1220
 1600 0610 0250 0800 1200
 1800 0510 0200 0660 0960
 2000 0400 0200 0510 0730
 2200 0340 0200 0410 0580
 2400 0340 0200 0400 0550
 0200 0340 0200 0400 0550
 0400 0340 0200 0400 0550
 0600 0300 0200 0380 0560
 0800 0550 0230 0750 1140

= ABV

VVVVV PROMRÖ = 26 10 =
 1000 0600 0280 0820 1240
 1200 0650 0300 0850 1280
 1400 0610 0290 0810 1220
 1600 0610 0250 0800 1200
 1800 0510 0200 0660 0960
 2000 0400 0200 0510 0730
 2200 0340 0200 0410 0580
 2400 0340 0200 0400 0550
 0200 0340 0200 0400 0550
 0400 0340 0200 0400 0550
 0600 0300 0200 0380 0560
 0800 0550 0230 0750 1140

= AR

4735 kHz, 27-10, 0802 UTC

VVVVV PROMRÖ = = 27 10 =
 1000 0600 0280 0820 1240
 1200 0650 0300 0860 1280
 1400 0620 0290 0810 1220
 1600 0600 0250 0800 1200
 1800 0500 0200 0650 0960
 2000 0410 0200 0510 0740
 2200 0340 0200 0420 0580
 0000 0340 0200 0400 0560
 0200 0340 0200 0040 0560
 0400 0340 0200 0400 0560
 0600 0310 0200 0390 0560
 0800 0550 0230 0750 1150

= ABV =

VVVVV PROMRÖ = = 27 10 =
 1000 0600 0280 0820 1240
 1200 0650 0300 0860 1280
 1400 0620 0290 0810 1220
 1600 0600 0250 0800 1200
 1800 0500 0200 0650 0960
 2000 0410 0200 0510 0740
 2200 0340 0200 0420 0580
 0000 0340 0200 0400 0560
 0200 0340 0200 0040 0560
 0400 0340 0200 0400 0560
 0600 0310 0200 0390 0560
 0800 0550 0230 0750 1150

= AR

4735 kHz, 28-10, 0700 UTC

VVVVV PROMRÖ 2810 =
 1000 0600 0270 0820 1240
 1200 0640 0290 0850 1280
 1400 0610 0280 0820 1220
 1600 0600 0240 0800 1200
 1800 0500 0200 0650 0950
 2000 0400 0200 0510 0730
 2200 0340 0200 0410 0580
 2400 0340 0200 0410 0560
 0200 0340 0200 0410 0560
 0400 0340 0200 0410 0560
 0600 0310 0200 0390 0560
 0800 0550 0220 0760 1150

= ABV

VVVVV PROMRÖ 2810 =
 1000 0600 0270 0820 1240
 1200 0640 0290 0850 1280
 1400 0610 0280 0820 1220
 1600 0600 0240 0800 1200
 1800 0500 0200 0650 0950
 2000 0400 0200 0510 0730
 2200 0340 0200 0410 0580
 2400 0340 0200 0410 0560
 0200 0340 0200 0410 0560
 0400 0340 0200 0410 0560
 0600 0310 0200 0390 0560
 0800 0550 0220 0760 1150

= AR

4735 kHz, 29-10, 0800 UTC

VVVVV PROMRÖ = 2910 =
 1000 0610 0280 0820 1250
 1200 0650 0300 0860 1290
 1400 0620 0290 0820 1230
 1600 0610 0240 0810 1210
 1800 0500 0200 0650 0950
 2000 0400 0200 0510 0730
 2200 0340 0200 0420 0580
 0000 0340 0200 0410 0560
 0200 0350 0200 0410 0560
 0400 0340 0200 0410 0560
 0600 0310 0200 0390 0560
 0800 0560 0230 0760 1150
 = ABV
 VVVVV PROMRÖ = 2910 =
 1000 0610 0280 0820 1250
 1200 0650 0300 0860 1290
 1400 0620 0290 0820 1230
 1600 0610 0240 0810 1210
 1800 0500 0200 0650 0950
 2000 0400 0200 0510 0730
 2200 0340 0200 0420 0580
 0000 0340 0200 0410 0560
 0200 0350 0200 0410 0560
 0400 0340 0200 0410 0560
 0600 0310 0200 0390 0560
 0800 0560 0230 0760 1150
 = AR

4735 kHz, 30-10, 0801 UTC

VVVVV PROMRÖ = = 30 10 =
 1000 0610 0270 0820 1250
 1200 0650 0290 0860 1280
 1400 0620 0280 0820 1230
 1600 0610 0230 0810 1210
 1800 0500 0200 0650 0950
 2000 0400 0200 0510 0730
 2200 0340 0200 0420 0580
 2400 0350 0200 0410 0560
 0200 0340 0200 0410 0560
 0400 0340 0200 0410 0560
 0600 0310 0200 0390 0570
 0800 0560 0220 0760 1150
 = ABV =
 VVVVV PROMRÖ = 30 10 =
 1000 0610 0270 0820 1250
 1200 0650 0290 0860 1280
 1400 0620 0280 0820 1230
 1600 0610 0230 0810 1210
 1800 0500 0200 0650 0950
 2000 0400 0200 0510 0730
 2200 0340 0200 0420 0580
 2400 0350 0200 0410 0560
 0200 0340 0200 0410 0560
 0400 0340 0200 0410 0560
 0600 0310 0200 0390 0570
 0800 0560 0220 0760 1150
 = AR

4735 kHz, 31-10, 0806 UTC

VVVVV PROMRÖ = 3110 =
 1000 0600 0270 0810 1240
 1200 0640 0290 0850 1290
 1400 0620 0280 0820 1220
 1600 0600 0230 0800 1200
 1800 0480 0200 0630 0930
 2000 0400 0200 0500 0730
 2200 0340 0200 0410 0580
 2400 0350 0200 0410 0560
 0200 0350 0200 0410 0560
 0400 0340 0200 0410 0560
 0600 0310 0200 0390 0570
 0800 0550 0220 0760 1150
 = ABV
 VVVVV PROMRÖ = 3110 =
 1000 0600 0270 0810 1240
 1200 0640 0290 0850 1290
 1400 0620 0280 0820 1220
 1600 0600 0230 0800 1200
 1800 0480 0200 0630 0930
 2000 0400 0200 0500 0730
 2200 0340 0200 0410 0580
 2400 0350 0200 0410 0560
 0200 0350 0200 0410 0560
 0400 0340 0200 0410 0560
 0600 0310 0200 0390 0570
 0800 0550 0220 0760 1150
 = AR

Ukrainian military**5380 kHz, 06-10, 0810 UTC, CW**

XXX XXX RADJ RADJ TEHNICHESKAYa PROWERKA

Unid station**5345 kHz, 09-10, 1216 UTC, CW. Logged by MPJ**

50S (Five Oscar Sierra) repeating till 1230 UTC

Propaganda / jamming

7055 kHz, 07-10, 1055 UTC Russian-Ukrainian radio war. Messages in Russian and English.

11530 kHz, 21-10 0725 UTC Radio Dengé Walat heavily jammed by Turkey. Program in Kurdish.

US Joint Chief of Staff Emergency Action Messages and Foxtrot Messages

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Message
01-10	1716	Spitball	30 chr EAM EDCOBK B4BDJOAA6TFAQUA7M3U7KCQY
01-10	1747	Spitball	30 chr EAM for Lard-01 5QQ7NI 27WGHYFOTEYUOU645JUC3PSV
01-10	1817	Spitball	30 chr EAM EDI3S4 IIXVSOSTSVQXQRBG3CHVJGIZ
01-10	1833	Spitball	27 chr EAM 5QX75Q UYPW5EKE4244MOABWE5RH
02-10	0057	Jaywalk	66 chr EAM 5QKDCF RJ6CW4CMGJ2ZV45H3KI5H3RYK75LRTLXRK5WQ753RSK3E7EWQ7W7RHD4AZAI
02-10	0232	Jaywalk	30 chr EAM EDNICU FFICC2HUTKTP7FVIQADPAKJC
02-10	1416	Jaywalk	27 chr EAM 5QEDE4 EFDQLKZQUIIYWQLPSKDHV

02-10	1532	Jaywalk	30 chr EAM for Lontamer 5QRDJS KIMLT7IR3VDI7HAK44RH0XE4
03-10	1032	Possible	35 chr EAM 5QZAN3 CDWRBOCC5VWDB4SHCDZNN7XCH4BEE
03-10	1402	Possible	35 chr EAM for Proclaimer 5QKUSG 3NKD5VZ73ATKQF2GSBMTOUTW
03-10	1546	Possible	35 chr EAM for Parade 5QINLO 3FWER4KOE5VC2YWWU44KCKSJ
03-10	1550	Possible	35 chr EAM for Parade 5QINLO 3FWER4KOE5VC2YWWU44KCKSJ
04-10	0530	Sidewalk	30 chr EAM ED5F47 CRTGK5AFBWX5N7SUY42WBTFC
04-10	0533	Sidewalk	30 chr EAM ED5F47 CRTGK5AFBWX5N7SUY42WBTFC
04-10	0540	Sidewalk	30 chr EAM EDWT76 6TOUGTXXDT6M77AKGOUNP23RI
04-10	0551	Sidewalk	30 chr EAM EDVSGN 2VBHOQHH72F4VCD3DADEWJ7C
04-10	0600	Sidewalk	30 chr EAM ED5F47 CRTGK5AFBWX5N7SUY42WBTFC
04-10	0603	Sidewalk	30 chr EAM EDWT76 6TOUGTXXDT6M77AKGOUNP23RI
04-10	0605	Sidewalk	30 chr EAM EDVSGN 2VBHOQHH72F4VCD3DADEWJ7C
04-10	0605	Sidewalk	30 chr EAM EDEMBP LQV4ECK7XKHW7D7E2SKEDNLJ
04-10	0629	Sidewalk	30 chr EAM ED5F47 CRTGK5AFBWX5N7SUY42WBTFC
04-10	1243	Sidewalk	30 chr EAM for Pagan 5QZUXS JKUDSM5HHTBGCLXTLEY5EILC
04-10	1454	Sidewalk	30 chr EAM EDUA42 QJ4VSG7UR3A2GIXMEYS7GOT3
04-10	1503	Sidewalk	30 chr EAM EDQ3ZX PDZDYTGTEKCMKX342CU3T6G
04-10	1511	Sidewalk	30 chr EAM PW2BQ7 3JCWZQHBWW6CAWPPEZL3YWZA
04-10	1603	Sidewalk	30 chr EAM for Pagan 5QXOO7 2MILDVXTXHVZILDGJ37WQ34S
04-10	1613	Sidewalk	30 chr EAM for Baffle 5QMAOG MOKULD25JLJMYZE4AOCDKZA
04-10	1633	Sidewalk	30 chr EAM PWOFRR Q3V7CIAH5DYR3Y5SAA2KFHZQ
04-10	1643	Sidewalk	37 chr EAM 5QI2VJ 6LSEBDA2P7BBH34J2VPYGOFVPTVSJ3
04-10	1707	Sidewalk	33 chr EAM 5QM3AE M5C4VBH5N4YOZFDV6G4CN26RFNE
04-10	1717	Sidewalk	30 chr EAM for Baffle 5QSMPI CWDCREUYJR3JVUNIXCDG5UC
04-10	2027	Sidewalk	30 chr EAM for Baffle 5QLT2Y X7COGLV7SC456ZYN7CF5CA35
04-10	2043	Sidewalk	30 chr EAM for Baffle 5QWHKB BSFKT7WQATMGRPBI2OAZKPSW
04-10	2053	Sidewalk	30 chr EAM for Baffle 5Q2LSK YXAGGXP5LC27X7T3TNDWULPV
04-10	2252	Sidewalk	30 chr EAM PWBWG7 YQCWJO2PFEULEPLFENPESOF
05-10	0233	Spiritual	30 chr EAM PWGRI7 4FZWHUGCKCDH6BH7L7TT5IVN
05-10	1622	Spiritual	120 chr EAM J63VXM 24GO447NZVTW6JE7HEF66F4SXXF3ZNCZXHVVEEETHQAVI53N3Z5I65EA5LLLLHTCOTWPD MU N6SOO4QWGGGGHNS56IX3W6NFHLLIHZVVVVYTCY3RRU
05-10	2112	Spiritual	30 chr EAM PWJESG LANQ3XKHKRDCVUNDHR62IXWR
05-10	2135	Spiritual	30 chr EAM PWOZCX 6EEINVNLTKB2B55UGWR5ABGC
05-10	2225	Spiritual	30 chr EAM PW7ZYP GOSRGP3NDC55BZ4UHFNJMHAF
06-10	0007	Antidote	56 chr EAM 5QTCNT QQ4XGO4OVX377WAUPZSLV46JRVVOAF2GR36V43QDPOODF2RF3R
06-10	0026	Antidote	30 chr EAM 5Q5W44 IXOBGSYAC2GQOFIHVHRIVOGQ
06-10	0033	Antidote	30 chr EAM PWDTTU F6IDYS4NU4FSUYZHBMAPNEZV
06-10	0046	Antidote	30 chr EAM PWIVNF NUQVU6IGVPHGXUTO4BE64A52
06-10	0056	Antidote	30 chr EAM PWFPIA RRWDLJ3PLY3SIN7MC2AZFGJ
06-10	0113	Antidote	30 chr EAM PFWWUB PMSYGRZOWRQU726XSGNYBJHE
06-10	0122	Antidote	30 chr EAM PW7FTI 7TVGG7UFTNFREI4BBZ2VWIRT
06-10	0127	Antidote	30 chr EAM PW4RRA Z4ED2DR7LRNDGQ7US5JCYGKW
06-10	0921	Antidote	30 chr EAM D6JG6B JNJ5BM54ZQKSX37GVL2NJD6R
06-10	1506	Antidote	30 chr EAM D6BD6O 3SCIYCAOXCG7AZ44S7CXPDFM
06-10	1613	Antidote	30 chr EAM PWCE7J WDBLTQWZVJMCIP3KJZXL0TTR
06-10	1631	Antidote	30 chr EAM PWCE7J WDBLTQWZVJMCIP3KJZXL0TTR
06-10	1727	Antidote	37 chr EAM D6YY32 OARZSN74VH7QQJZPWRSX73ZLNBA2YOW
06-10	2251	Antidote	30 chr EAM PWLKEP RRABQFVU3ZSX44LZLYRBJVKQ
06-10	2346	Antidote	42 chr EAM D6TA2G J2GEGYX2TDU4BDWWFO4WWFIRVLS6OYFEBX6F
07-10	0002	Landlady	30 chr EAM PW772F MZ6IHWVGRZQCFAX4UMK7OAL2
07-10	0040	Landlady	30 chr EAM D6AQY5 RKHSMPAXJUI4KCNPOKII2SVX
07-10	0052	Landlady	30 chr EAM D66VEQ SPYXHVPRWVQCQYJIBMQH4DFL
07-10	0121	Landlady	30 chr EAM PW56UX L5UUSC3QQSUXGBXGPCQXCXVNI
07-10	0236	Landlady	30 chr EAM PWIMDO HLTM62WOZOHZY3HQ2ANT3DCO
07-10	1412	Landlady	30 chr EAM for Toll D6GM7L OEQZG74JHAQB7MBT4XVZHOPZ
07-10	1516	Landlady	30 chr EAM PW6AU7 UQ7WVT7VZMHFXRB25KM7NXP6
07-10	1534	Landlady	30 chr EAM for Toll D6SBFL QZ4W2QSMXQU2I7ZA3LLESG4C
07-10	1632	Landlady	30 chr EAM for Marty D673HR RROLRUHF2YTHZE0VL5WDC7JS
07-10	1642	Landlady	30 chr EAM for Toll D6CO7R 6S3ZPP7B7647BEYIAKOWJXJ
07-10	1652	Landlady	30 chr EAM for Marty D6QPNA TDT4U22SWOFFXP5WEKW5XBVT
07-10	1804	Landlady	30 chr EAM for Marty D6B24N BS7S3C6XVW5XBRPDLJB7ETII

07-10	1817	Landlady	30 chr EAM PWI7RY GICTBYX4YERFXBTWPMYGBJ3X
07-10	2103	Landlady	30 chr EAM PWX5TA TTFQBO2UFJPL7I3EU7PHTQES
07-10	2147	Landlady	30 chr EAM PWLFCM PTGVDVHBI4FF3626IO3X6NDH
07-10	2214	Landlady	30 chr EAM PWMFT3 BN2MDEMYXKMUDV6FGGOBRFKZ
07-10	2226	Landlady	30 chr EAM PWK2US KTHFXRBMU6J4SWAXXHMNWCAU
07-10	2236	Landlady	30 chr EAM PWK2US KTHFXRBMU6J4SWAXXHMNWCAU
07-10	2238	Landlady	30 chr EAM PWMFT3 BN2MDEMYXKMUDV6FGGOBRFKZ
07-10	2244	Landlady	30 chr EAM PWTTMO ZQDQSVE3GTKZL3CLO5HLGWCT
07-10	2313	Landlady	37 chr EAM D63ZDW YAKMFZ54XOM753YDFUHY76GBHCBMF6J
07-10	2333	Landlady	43 chr EAM D6JF3K MSY3WOUVYBUFN6M4TZJYBLTIRTULXOFZBLGOH
08-10	0012	Aloe Oil	30 chr EAM PW5YUM NIVVB56KGGIEBPYKL5J7NSFC
08-10	0024	Aloe Oil	30 chr EAM PWSCXP Q3WPS6MZIGV6V24IUWKZYFAG
08-10	0027	Aloe Oil	30 chr EAM D6RJM4 2OOUUYG3KK2VYLSYN6SCA7I
08-10	0030	Aloe Oil	30 chr EAM PW5CD5 L2FGXZLEVX4PYV4E2G6EPGR7
08-10	1050	Aloe Oil	164 chr EAM J6AUUN FS3ER25QJR4QUWNIMWQS3PXPAP7OMGCGC2MFFFF7TU7PDTTPXL2D5DBU5FFFFTLGVNU4 BBP6BLDLSLO3333WJZXB5SNVIYTBUBOBUDDDDN2IMG7GCOCKPUVURPRMMMMMEYQYLQLQ JSZAKLKBHVVVV7AGFDYIFO
08-10	1103	Aloe Oil	164 chr EAM J6AUUN FS3ER25QJR4QUWNIMWQS3PXPAP7OMGCGC2MFFFF7TU7PDTTPXL2D5DBU5FFFFTLGVNU4 BBP6BLDLSLO3333WJZXB5SNVIYTBUBOBUDDDDN2IMG7GCOCKPUVURPRMMMMMEYQYLQLQ JSZAKLKBHVVVV7AGFDYIFO
08-10	1136	Aloe Oil	30 chr EAM for Autumn Leaves D642UV BZPUEIBJOE3FFEQJZY36Y5R
08-10	1146	Aloe Oil	30 chr EAM for Autumn Leaves D6QK5J IS367JYFWHPJN6DZ7XPGCGP3
08-10	1204	Aloe Oil	30 chr EAM for Autumn Leaves D62S2F MGYDH57ABDXAYFNM4OHFSBV3
08-10	1245	Aloe Oil	30 chr EAM for Autumn Leaves, for Upper Case D6M4JD PCQJVBJL5HMEDXSU334ZLSN
08-10	1307	Aloe Oil	30 chr EAM for Autumn Leaves, for Upper Case D6WRN4 HJGJMRHT2JIZVZNVKC34HJNT
08-10	1323	Aloe Oil	30 chr EAM for Upper Case D6C5M3 EEHEZ7PYIC5SDJ5RPFUX73UG
08-10	1333	Aloe Oil	30 chr EAM for Upper Case D6BTSO OINKYDWWJYBBUZOIAHT5GMBO
08-10	1440	Aloe Oil	30 chr EAM PWKKKL 7BOOAUZHGNWSN66XYENYLFCD
08-10	1446	Aloe Oil	30 chr EAM D6LFSZ EQ7NBDQ2QGQRNGO3KOR2HEB4
08-10	1457	Aloe Oil	30 chr EAM PW2XLB EY6AAJ7F7J3S4WSTY6SYE3UM
08-10	1517	Aloe Oil	54 chr EAM D6VK4V KNRTR27RLLBWYH72Q6PEKSFVB2RXC5SQ7XA7B2E6CD3ZW2ID
08-10	1719	Aloe Oil	37 chr EAM D6MMV3 E6VRW7DTA74YQDP7VMF6THAHPW5HRY4
08-10	1817	Aloe Oil	30 chr EAM PWK4QO OK25S7PBUMZQGZUTFDE72LAY
08-10	2042	Aloe Oil	54 chr EAM J65ANK ZL37OWIQ6EL32UCIXWRPFASDGSWT7U72LUZ7777I23O63OJQ
08-10	2340	Aloe Oil	30 chr EAM PWT3BW F66PTQAV3AWALLXDVTGTACY2
09-10	0432	Affection	30 chr EAM PWPNU3 DOP2D2TTL7LBTMXNULILCKPB
09-10	0705	Affection	30 chr EAM PWH34H VQC533EBOUU7OP33D7S3LB5W
09-10	1257	Affection	30 chr EAM PW4GFK YOB5I24SIWKJWFDQTUEIDJZL
09-10	1541	Affection	30 chr EAM PWC4CZ PNF4R7HQ7DOS5RP6WDDIXC4T
09-10	1546	Affection	30 chr EAM PWC4CZ PNF4R7HQ7DOS5RP6WDDIXC4T
09-10	1629	Affection	30 chr EAM PWC4CZ PNF4R7HQ7DOS5RP6WDDIXC4T
09-10	1716	Affection	30 chr EAM PWPOVN EXCSODTCW6YQSZWNJRIO72CT
09-10	1748	Affection	30 chr EAM PWAWSB D7OP33QRX67KREANEJBDRTU
09-10	1817	Affection	30 chr EAM PWKAYZ J2JVDBFXSGLYRV7R7NE5QIBO
09-10	2132	Affection	30 chr EAM PW46CU CKCBCIBJREK27TH7WBTOMSJ
09-10	2251	Affection	36 chr EAM D6IB6L DBU66LRF3X7N5KPO7LVITYCQGFZLPD
09-10	2319	Affection	30 chr EAM D6QHLB E3JODGSDWUSKSL3OBO6QR6PO
09-10	2356	Affection	30 chr EAM PWUWTL NFV7NY7ZTDRAH67PBASYAGL2
10-10	2119	Royal Gem	30 chr EAM PWXENA IK3VOC3IY3NSG4U55EPU3FXC
10-10	2127	Royal Gem	164 chr EAM J6C274 DDBFAU73JIH5NSWF3WTKDHY3HEHGD7RXDBTFMmMMVDREJH5FOPVD34LDRKBCBDTABY3 WQKQ4JINKIEKSSSSLKGHV544VLMD6W4R4PVVVVUQBCIEVEIUXPNSFCFB4444NVLCRPPJZ2 EQQM7EFSSSSKWFQC565
11-10	0133	Guest House	164 chr EAM J6DVBL GZ7WSWMLTMC2GQ4FX4QOCUHAUQUIWHAWWPQ4444IASVHBTIFAXMDBMME233332VE6 FRXOXM3ZNRZDRDEEEETHQAV3QQ7IZ5INQ5QALLLHCTOT2DUTWN6SQ4T4PGGGGHN5SX66 FLLNFHH6ZFVVVVVYTCC7ACAU
11-10	1640	Guest House	30 chr EAM PWTDF5 NH6KO6AQUUM6PF7JI5OQ7LZ3H
11-10	1717	Guest House	30 chr EAM PW6RXK XZGYCG23QD7Z7JNCFVPXW2BF
11-10	1732	Guest House	30 chr EAM PW4HZV C7AVOYXEBLRHFE02CC5UJ2A

11-10	1808	Guest House	30 chr EAM PWMXNB WXCXJO5X6XEEKI5QAN6VB2N7
11-10	2026	Guest House	30 chr EAM PWUTWG SNURYFLQOUVYO62JUIRZGULY
11-10	2031	Guest House	30 chr EAM PWT4T7 DSLYA2KA74N3KJL27JPNJTLE
11-10	2112	Guest House	30 chr EAM PW7QD2 V6WWUN7AGLAGTNGRRIBUHA5
11-10	2202	Guest House	30 chr EAM PWWMG7 RGF54C3XOHNBS2HCX67W2VSF
11-10	2240	Guest House	30 chr EAM PWSEYM U2XI4TT3V4CH2EQATSXNLZRV
12-10	0233	Suitable	30 chr EAM PW6UZH E7K5KOZ7LALZLVPGZSUGH2RE
12-10	1550	Suitable	30 chr EAM PWZ3FB 4EQGPTRPDMZTJGEOLBI2K7F5
12-10	1632	Suitable	30 chr EAM PWNRHZ UZCJNYOQY6DEZ5XVAGEHQAO3
12-10	1638	Suitable	30 chr EAM PWNRHZ UZCJNYOQY6DEZ5XVAGEHQAO3
12-10	1652	Suitable	30 chr EAM PWC3IY JQSVVV4EX3AZIN6X5IDWBUTG
12-10	2133	Suitable	30 chr EAM PWLWEW CSS7AYOPEMHZCIAGJYA3NY24
13-10	1514	Shipbone	30 chr EAM D64NOL LR3RTGW4VJ4RAWCXHZBMD6Z7
13-10	1618	Shipbone	30 chr EAM PWLRDV 6PEUKLDZGZ2PVZ2BG7OQZELY
13-10	1642	Shipbone	30 chr EAM PWLRDV 6PEUKLDZGZ2PVZ2BG7OQZELY
13-10	1650	Shipbone	30 chr EAM PW3DY3 FAUKSC742LF22NIYSFEN7VLR
14-10	0417	Woodward	51 chr EAM D6F643 JCXSZLPAUTT575MUYZRZUTHULYYUTLUS3UFDT3NJTBDW4E
14-10	1412	Woodward	30 chr EAM for Hines D6NUVL RZTWETRPA4NG3MSYRHRA2DOC
14-10	1523	Woodward	30 chr EAM PWGL7B OCPRJZ7TZ6QXHTOHZV72DO6Z
14-10	1529	Woodward	30 chr EAM PWGL7B OCPRJZ7TZ6QXHTOHZV72DO6Z
14-10	1534	Woodward	30 chr EAM for Hines D6U62 YBLQTFQVFSCM3YURWHGDM43FJ
14-10	1546	Woodward	30 chr EAM for Honest Effort D6JNAQ ZAPIX6AN2PU6QGTBSW3KRYFK
14-10	1620	Woodward	30 chr EAM D6LRNA 7J6FYU7DGDYMYROZ2U7LKP25O
14-10	1633	Woodward	56 chr EAM VFRU3Q ISSR7RM22QVENLF5SF63JGKCSARXCIWVOSSERL6BBB7JMCGEOC
14-10	1642	Woodward	30 chr EAM for Hines D6U33P Q2OCYNUHAVUSUC3FO?DG2DCN
14-10	1704	Woodward	59 chr EAM D6TP4J RGBAVON3MK3VQCXNQDXNXQUXXNQLFCC3R2A6GGQIJC3A23R4UICI
14-10	1719	Woodward	30 chr EAM D6EFYY ILBEEVNDCFDYP6WQVL2BAXKP
14-10	1746	Woodward	30 chr EAM for Dow-79 D6HBFZ ZFMSRHZ4PBJR4HZTRYGS6TMU
14-10	1816	Woodward	30 chr EAM PWOUPM LD4WAOFER74DVKERIZJOG2
14-10	2006	Woodward	30 chr EAM PWQUSK 7MO3VZTFWDXVYQFVEHYPCBJ
14-10	2104	Woodward	30 chr EAM PWPVRT SYOHHWZLFHHPEGUF63CUZANV
14-10	2147	Woodward	30 chr EAM PW2YNC TBFQO7E2BKR2UE6TRNSPF7TJ
15-10	1513	Black Ink	52 chr EAM D6WYUM OM5DQU36JORMBPF4EVNZSL6LXOOUKXF4EUNDNJC2LDA4V2
15-10	1526	Black Ink	30 chr EAM D6TN4Z TJK3SJM3BFUIBMRNXBJLFEMJ
15-10	1544	Black Ink	30 chr EAM PWOEYV AS3JY4MBIZL3JPDBYHQVYPPJ
15-10	1548	Black Ink	30 chr EAM PWTS7S RFRE6P3JUVFXWI3R3Q72ISBF
15-10	1600	Black Ink	30 chr EAM PWTS7S RFRE6P3JUVFXWI3R3Q72ISBF
15-10	1602	Black Ink	30 chr EAM PWOEYV AS3JY4MBIZL3JPDBYHQVYPPJ
15-10	1610	Black Ink	30 chr EAM PWGJSR AKECKXX7XTA2A7RFABDHJVQ7
15-10	1746	Black Ink	30 chr EAM for Wealthy-85 D6PHC6 2SLRPLVUJQRJPIAG4WQQZWK3
15-10	1817	Black Ink	30 chr EAM PWYTW3 T76XAYXSUV7DDB3LHKXAIWR7
15-10	2016	Black Ink	30 chr EAM PWOSGK SCCNNC6SYSDHLNN4IJNY3W7F
16-10	0235	Emanation	30 chr EAM PWGZ2I EEEQVWBYNBVQ7ZEHRDGNZ47O
16-10	1413	Emanation	30 chr EAM for Tell D6AKFL Z5NIMXPKKPGZW3W2L75VKXD2
16-10	1534	Emanation	30 chr EAM for Tell D66W7H O3D5M4OXZA3PG2HRCE2QT5EW
16-10	1538	Emanation	30 chr EAM for Tell D66W7H O3D5M4OXZA3PG2HRCE2QT5EW
16-10	1642	Emanation	30 chr EAM for Tell D6GTLZ HMHVVLVBGXNRA6MUITAPOBTMQ
16-10	2133	Emanation	30 chr EAM PWKVOC WERAPQW27GJ2727CVMRWTI4N
17-10	1235	Aversion	30 chr EAM PWWV2G IFKKHVRFLK3QPWIBXNTEFR3C
17-10	1435	Aversion	30 chr EAM PWPVH3 FHDTTFICYNJULJAK2VPDUJ7F
17-10	1447	Aversion	30 chr EAM PW3Z3O J7ZIJ3FDJRG2AXPCA4XVBTGJ
17-10	1458	Aversion	30 chr EAM PW626J 7UFBB6BSW5A5ZV7PR3CYE3SV
17-10	1503	Aversion	30 chr EAM PW626J 7UFBB6BSW5A5ZV7PR3CYE3SV
17-10	1505	Aversion	30 chr EAM PW626J 7UFBB6BSW5A5ZV7PR3CYE3SV
17-10	1508	Aversion	30 chr EAM PW3Z3O J7ZIJ3FDJRG2AXPCA4XVBTGJ
17-10	1510	Aversion	30 chr EAM PWPVH3 FHDTTFICYNJULJAK2VPDUJ7F
17-10	1518	Aversion	30 chr EAM PWAQEC T4TANXJD2O4I7Z3DSBOJQAG3
17-10	1527	Aversion	30 chr EAM PWWTGA DPTU7ATQJUAO6WKICPC6KWR6
17-10	1530	Aversion	30 chr EAM PWWTGA DPTU7ATQJUAO6WKICPC6KWR6
17-10	1632	Aversion	30 chr EAM PWTJ7R XFMF3A2Y2UC7KDF7PW6THQGW
17-10	2133	Aversion	30 chr EAM PW2GYB 2C7L2WC5JHBQR2YKZBJT2U7I
18-10	1502	Parrafin	30 chr EAM for Merge D65RNY 62OG2DID5UYRG4QXADVZCLH6

18-10	2308	Parrafin	30 chr EAM PWO3WH RHHJIR7N4DK6CE6IRFC342IJ
21-10	1306	Pinocchio	30 chr EAM for Romeo Force D6Y5H4 3VWFHNPCKL7BGHMEOHUULXJX
21-10	1322	Pinocchio	30 chr EAM for Romeo Force D6QWB7 FH6RFDPLIQLE57CU3T2FRBR4
21-10	1508	Pinocchio	27 chr EAM D65DIA QNMWZGNI4U7ZDZMWZGNI6
21-10	1605	Pinocchio	30 chr EAM PWCOT2 LEDHBLIVHPZF3Z77NJDITYA2
21-10	1703	Pinocchio	30 chr EAM for Tango Force D665LG ITO3TNWDX52SMNK2DWCX7TOT
21-10	1720	Pinocchio	30 chr EAM for Tango Force D6DXJ2 VC2GI2O7ZTI3HP7ELVWRKCJQ
21-10	1948	Pinocchio	30 chr EAM for Tango Force D6ARPI WN7BFCPOQFVWAJIFBFMEOCIT
21-10	2001	Pinocchio	30 chr EAM for Tango Force D6U5JH GR6UYQEN7IFTNJJUUECNWBGD5
21-10	2012	Pinocchio	23 chr EAM D66DHL XZRDETI4LSEIAGZT
21-10	2104	Pinocchio	30 chr EAM PWEEEI FYF55GUZZBFN5FJNMUFQISAL
22-10	0018	Billy Club	30 chr EAM for Tango Force D6K36G R3TA7HEWV23QZLNCF2QMGQDR
22-10	0031	Billy Club	30 chr EAM for Tango Force D6GEQY 6WRZ7W2Q572IBZXS6WYSCFP
22-10	1459	Billy Club	20 chr EAM 4OOTXF OA5K3KQQSME47S
22-10	1536	Billy Club	30 chr EAM for Tango Force D6ZBPF XU5VDXX3MUX4FC4NCF6BBPOM
22-10	1551	Billy Club	30 chr EAM for Tango Force D67C5P GG72SWPZ6ANT5LXGB67CE3P5
22-10	1819	Billy Club	30 chr EAM for Tango Force D6MXBO FMDIZSFMVIFGQ3SEQFOX7QY
22-10	1838	Billy Club	30 chr EAM for Tango Force D6XKQF L4A735VOUHCPVQSRSOBFJ64
22-10	1927	Billy Club	30 chr EAM for Region Charlie D6CVTJ OYFOMNEBIHGAFEMNTYPXGGT7
22-10	2038	Billy Club	59 chr EAM D6NG5N FE4ZD3UW55OFC5JDGOQJDTGTQJDYY3DDLY3ZK2UTH3DDKR3HHENE44
22-10	2045	Billy Club	42 chr EAM D6I6AJ LIK3PPJDATR7Y4TLXALTL644WDO3D2N7YQ4S
22-10	2247	Billy Club	30 chr EAM for Tango Force D6USX7 H4XVNUFE6KHTWFGGQSNTYKGD
22-10	2301	Billy Club	30 chr EAM for Tango Force D6OVLZ ZSEEV72KXKFXRHTZSCQFWAXE
23-10	0052	Acquaint	30 chr EAM D6SLKR 7LY4YRHKEEOP6NO6JULZKVTZ
23-10	1536	Acquaint	30 chr EAM for Tango Force D6QEGJ UUUWQQM4YR5DNTZUMAKVATF3C
23-10	1552	Acquaint	30 chr EAM for Tango Force D6KGQI U2ZNOYW64EQ5G3FXX2Y7FXWE
23-10	1741	Acquaint	30 chr EAM D6IUL2 MY2DDH3SINDNDKRQYKSF4OTO
23-10	1902	Acquaint	83 chr EAM D6GHEZ WCHUFRSGT5VZAH7QROA7QR7APNTPOXGDUZUJ7ZW3TXGWIZ2CJNM3TXGDJZK6DN5BTXGD FZUJ7ZW36
23-10	1908	Acquaint	30 chr EAM D6EH6F 7KDYGAGPDWEYWXRRARHVQBQ7C
23-10	1911	Acquaint	30 chr EAM for Tango Force D6QGRO UK4ZP6WQ2H42FVD5X6LPKQT6
23-10	1924	Acquaint	30 chr EAM for Tango Force D6ILDQ 2XEIP42QT67M5F2NHBJRYEUH
23-10	1930	Acquaint	30 chr EAM D63XUU PO7NTAF46CUVUIB22NRNU5Q2
23-10	1933	Acquaint	83 chr EAM D6GHEZ WCHUFRSGT5VZAH7QROA7QR7APNTPOXGDUZUJ7ZW3TXGWIZ2CJNM3TXGDJZK6DN5BTXGD FZUJ7ZW36
23-10	1949	Acquaint	51 chr EAM D6YWC6 BIK3NLBBGFJIRILLYNUGFPGRIJSGM3ERVYBAZGQPXGNVL
23-10	2000	Acquaint	83 chr EAM D6GHEZ WCHUFRSGT5VZAH7QROA7QR7APNTPOXGDUZUJ7ZW3TXGWIZ2CJNM3TXGDJZK6DN5BTXGD FZUJ7ZW36
23-10	2009	Acquaint	19 chr EAM D6ODLL OM6QPNOGGYSGI
23-10	2030	Acquaint	30 chr EAM D6QUJS WNRE2ONUGDHKI3RNKXHUEGMO
23-10	2034	Acquaint	83 chr EAM D6GHEZ WCHUFRSGT5VZAE7QROA7QR7APNTPOXGDUZUJ7ZW3TXGWIZ2CJNM3TXGDJZK6DN5BTXGD FZUJ7ZW36
23-10	2104	Acquaint	83 chr EAM D6GHEZ WCHUFRSGT5VZAE7QROA7QR7APNTPOXGDUZUJ7ZW3TXGWIZ2CJNM3TXGDJZK6DN5BTXGD FZUJ7ZW36
23-10	2115	Acquaint	37 chr EAM D6G6IB S7XOQ2AVKWAJAXCUG2H44F7X6W3OXFS
23-10	2220	Acquaint	37 chr EAM D6U7ZN DKOH6DSGLIGISZTJVB4HJZDB6S755D
23-10	2231	Acquaint	37 chr EAM D6U7ZN DKOH6DSGLIGISZTJVB4HJZDB6S755D
24-10	0254	Baseball	211 chr EAM D6UDDD XP6VEK3KRLRHRROOMJEHJYWHJNXHJRZHLMHJPZHJ4GHJIYHJ6QHJNEHJETQ3I3QJIVCZBKEVJ EHJSNHJHEHJXIQ3I3QJEPXJQZCE26HJP4SBHJU3B7HJP4KDVR5NHJU332HJP4CIHJU3XMHJP45 DQ3I3QJIVUFEPCTCR4HJU3SBHJP4B7HJU3KDHJP46GQ3I3QJIVE5FH62N4
24-10	0408	Baseball	185 chr EAM
AJZI2	JKZOJ	ZER77KA77W 377PS	774V77EO77KD77ZE77BZ77OQS26DYZRBOD4UV3JB77ZE77ZA77BZ77OQ77WW77I477YE77O P774H77M777TB77S3S26DYZC2FDDYIJGE77QNQD77Q6WVVS26DYZRBV3OMOTFTIPGJ77UEAE OUBU4Q
24-10	0728	Baseball	56 chr EAM VFM7XQ C7NTXE6GZCRURFQYQCQ5D7C2YG5JWREZ2RJSJKU7BWG2TUQ27CU
24-10	0804	Baseball	56 chr EAM VFM7XQ C7NTXE6GZCRURFQYQCQ5D7C2YG5JWREZ2RJSJKU7BWG2TUQ27CU

24-10	0821	Baseball	56 chr EAM VFM7XQ C7NTXE6GZCRURFQYQCQ5D7C2YG5JWREZ2RJSDKU7BWG2TUQ27CU
24-10	0901	Baseball	56 chr EAM VFM7XQ C7NTXE6GZCRURFQYQCQ5D7C2YG5JWREZ2RJSDKU7BWG2TUQ27CU
24-10	0921	Baseball	56 chr EAM VFM7XQ C7NTXE6GZCRURFQYQCQ5D7C2YG5JWREZ2RJSDKU7BWG2TUQ27CU
24-10	1157	Baseball	30 chr EAM D6WAOT MKKKWJIGT3Y6DFYWDW2J3LX
24-10	1304	Baseball	30 chr EAM for Romeo Force D6WTPG ILKVN4UDFQJUZGR43E53BVJ5
24-10	1324	Baseball	30 chr EAM for Romeo Force D6NICY FOKAFG33JHDXGWYLZYL7WLNH
24-10	1402	Baseball	19 chr EAM D6BAKD 5WKO55T7VBUUF
24-10	1608	Baseball	30 chr EAM for Tango Force D6LDUJ APQXTHK4Y4I3TE3XSGUIKYWE
24-10	1619	Baseball	30 chr EAM for Tango Force 3U7JB3 K5H7ZTEBRMWB43M255C7VMWN
24-10	1636	Baseball	30 chr EAM for Tango Force 3UCI6C PSR4GUAFDNF5VYJIRAYL5P6Q
24-10	1702	Baseball	30 chr EAM PWTNYP QXGKVITCXHYE7YGFGEAPRXYG
24-10	1859	Baseball	30 chr EAM for Tango Force 3UOOWA VSW2UT2T6EKDJIAUKJWSZGE
24-10	1917	Baseball	30 chr EAM for Tango Force 3UPOGY ERM5YTONZJSE33ZQVGMEM3W
24-10	2100	Baseball	50 chr EAM VFE4BR VBOLEPTYCHC2VFEVTT6NN63NSSSMYUCYDDWDTDAKIUJW
24-10	2105	Baseball	50 chr EAM VFFPZC OQHNLJRJEVSWXJV7AAA5I554RRRBBRJ6TTDDBT7OR7FI
24-10	2116	Baseball	84 chr EAM VFEZMG INQQABIJE6XBJNSJJ7QNRQFYFYJYCEXXQF5X2Y6VVZIHVZE6GGGXMMM50007AOT2CCGJT CY7NGG3
24-10	2122	Baseball	50 chr EAM VFYTN5 46OVITJS2XOQNHE2QPPDDDXEE76BF6GGHGOGIRYXXA
24-10	2130	Baseball	50 chr EAM VFYTN5 46OVITJS2XOQNHE2QPPDDDXEE76BF6GGHGOGIRYXXA
24-10	2137	Baseball	50 chr EAM VFYTN5 46OVITJS2XOQNHE2QPPDDDXEE76BF6GGHGOGIRYXXA
24-10	2142	Baseball	84 chr EAM VFEZMG INQQABIJE6XBJNSJJ7QNRQFYFYJYCEXXQF5X2Y6VVZIHVZE6GGGXMMM50007AOT2CCGJT CY7NGG3
24-10	2147	Baseball	50 chr EAM VFFPZC OQHNLJRJEVSWXJV7AAA5I554RRRBBRJ6TTDDBT7OR7FI
24-10	2151	Baseball	30 chr EAM for Sierra Force 3U6BVX YUBLQV6XTR2L2KJDOUBI5KF
24-10	2210	Baseball	30 chr EAM for Sierra Force 3UPRTL JVIDRESNBXTTBRLEJFFJDRG
25-10	1319	Aggregate	30 chr EAM for Romeo Force 3UHD6C IYEJFRULAPYIIHRBGXRCCQM6
25-10	1333	Aggregate	30 chr EAM for Romeo Force 3UHQ54 WDZIA4NSKKFSMGJAD4ATNS5F
25-10	1353	Aggregate	30 chr EAM for Romeo Force 3UWFK2 HIW6LAHOPU3AL324SKKOSPZS
25-10	1403	Aggregate	29 chr EAM 3UCWSL E6UHC6ZFQMOTXMM2SHJXWHP
25-10	1426	Aggregate	49 chr EAM 3UXDYR FRAOKRUH2DVSXSVC5QWHUHKRY27G73JB5SSXAQMYUP
25-10	1504	Aggregate	30 chr EAM PWTMAY (unreadable)
25-10	1525	Aggregate	37 chr EAM 3UG77C A53SXLFB7WOUDN7WORMIEWBVZYS4N
25-10	1613	Aggregate	30 chr EAM for Tango Force 3UAFQX YDPFSCV2HZYCEF63PTEWYJPJ
25-10	1630	Aggregate	30 chr EAM for Tango Force 3U3HHU TBAB2YANPE4Y544GAHBRAOYT
25-10	1739	Aggregate	30 chr EAM 3UVUVE JRLGHQX7RHAPORAAYV2QKFS5
25-10	1913	Aggregate	30 chr EAM for Tango Force 3U4UBU 6BSWXHJCBQ760OUUYVLLI45A
25-10	1919	Aggregate	30 chr EAM for Tango Force 3UC5QW NU6WIJR2IOAIYSLJB2MWLHH2
25-10	2004	Aggregate	37 chr EAM 3U6VTB ZZWWGHIHY4IDP4PDM6LCKFELO2DBQBW5
25-10	2033	Aggregate	30 chr EAM PWEONK 6GDZJTIFFPK4BUBFWGXFUSME2
25-10	2105	Aggregate	30 chr EAM for Sierra Force 3U4YSX AFFT5ROI6N6B3TBAGNZGSDH
25-10	2122	Aggregate	30 chr EAM for Sierra Force 3UYZW2 S463BLWHPHQRTJNCYJSIKIB
26-10	1347	Headlong	55 chr EAM 3U3XIY KTB4YBIJUCRHC7YJKTPUTYTKYPUECHCH32FOOPTTHH6XPG2F
26-10	1353	Headlong	61 chr EAM 3UAXO7 EYGNMTSNK3B6E7J4EFHK3UVS6JK35HE7TPL4LIELOUSE7LOZPE7L7ZX
26-10	1546	Headlong	30 chr EAM 3U3YX2 PBH37HRM5BCMN3WGQT4I4UYZ
26-10	1647	Headlong	55 chr EAM 3UDZBO IWOHJZGGYW4DILE772LYW54PVNYWNWILQ5OEVMB54E3J2VEOY
26-10	2005	Headlong	33 chr EAM 3USN5F J755WJFKY6U52EVEOOGVHUQBVC
26-10	2008	Headlong	55 chr EAM 3U7N13 U4YXJ5TO3CXOWZRTZH13CRJX6J3CL3WZSGKYCO4AVW2VWYSQX
26-10	2017	Headlong	30 chr EAM 3UPZVY 7CVTHARDZBLZM7F52W2T7YEY
26-10	2114	Headlong	30 chr EAM PWNSIG WLD3XF4HXGMIBR5RCFG6RZKF
26-10	2118	Headlong	30 chr EAM PWW3MD W7N7TPM63TELWMR7WNSRLZHN
26-10	2133	Headlong	30 chr EAM PWW3MD W7N7TPM63TELWMR7WNSRLZHN
26-10	2135	Headlong	30 chr EAM PWNSIG WLD3XF4HXGMIBR5RCFG6RZKF
26-10	2155	Headlong	30 chr EAM PWI4U2 PBLX7WOTAXXCHT3WKO3ZHESJ
26-10	2225	Headlong	30 chr EAM PWOWAT NL7KPPNXSSVYIXTKCRGXOQNU
26-10	2228	Headlong	30 chr EAM PWT7B2 OJNOSK2LU3QWEH2WT3WTHG4P
27-10	0549	Important	30 chr EAM PWLI6B EAIEE4JFRCL4TEVRZE2Z7WQY
27-10	0552	Important	30 chr EAM PWV5Z4 IF45FLNVPLRSEJLNC4L46D3A
27-10	0602	Important	30 chr EAM PWV5Z4 IF45FLNVPLRSEJLNC4L46D3A
27-10	0605	Important	30 chr EAM PWLI6B EAIEE4JFRCL4TEVRZE2Z7WQY
27-10	0611	Important	30 chr EAM PWG572 YWU3Q6BHHF33JCEKLGJ4HVIE

27-10	0630	Important	30 chr EAM PWG572 YWU3Q6BHFF33JCEKLGJ4HVIE
27-10	0633	Important	30 chr EAM PWVVSZ4 IF45FLNVPLRSEJLNC4L46D3A
27-10	0636	Important	30 chr EAM PWLI6B EAIEE4JFRCL4TEVRZE2Z7WQY
27-10	0656	Important	30 chr EAM PWAL2P 6P6WIAQ22BYE3E533SZPASNJ
27-10	0700	Important	30 chr EAM PWG572 YWU3Q6BHHO33JCEKLGJ4HVIE
27-10	0702	Important	30 chr EAM PWVVSZ4 IF45FLNVPLRSEJLNC4L46D3A
27-10	0705	Important	30 chr EAM PWG572 YWU3Q6BHFF33JCEKLGJ4HVIE
27-10	0707	Important	30 chr EAM PWVVSZ4 IF45FLNVPLRSEJLNC4L46D3A
27-10	0709	Important	30 chr EAM PWLI6B EAIEE4JFRCL4TEVRZE2Z7WQY
27-10	0717	Important	30 chr EAM PWVB6U WW3DKRE6BIJMMB6NYLPSV52G
27-10	0723	Important	31 chr EAM PWPQTP AQFJSUEWSIDXFLCCBMCSLYOR
27-10	0730	Important	30 chr EAM PWG572 YWU3Q6BHFF33JCEKLGJ4HVIE
27-10	0739	Important	30 chr EAM PWNAUA NE77GGY3O6SU4HPIHAJRG52D
27-10	1645	Important	30 chr EAM 3UP6RD CB5FJKOP6O3ND3YPLNOLZXB3
27-10	1716	Important	30 chr EAM PW7MWL K3TRGSVY475HNCHC2ORFYZGT
27-10	1738	Important	30 chr EAM PWBVWE Y2ELCUCQOTKKMYXI3LF4J7VH
27-10	1800	Important	30 chr EAM PWBVWE Y2ELCUCQOTKKMYXI3LF4J7VH
27-10	1820	Important	30 chr EAM PWXTQL RIRA7EN7H4KVOYHHQW4NR5BY
27-10	1823	Important	30 chr EAM PWXTQL RIRA7EN7H4KVOYHHQW4NR5BY
27-10	1828	Important	30 chr EAM PWDKUX 5H3AO4PFNVIS5YP3LP3NZDAQ
27-10	2156	Important	30 chr EAM PWY5YF 32LPT2EILR55ZVUV2LYFLIVB
27-10	2209	Important	30 chr EAM PWY5YF 32LPT2EILR55ZVUV2LYFLIVB
27-10	2220	Important	30 chr EAM PWDEYO JWSMHZUZFCDOOWMFG3J6GB4P
27-10	2229	Important	30 chr EAM PWDEYO JWSMHZUZFCDOOWMFG3J6GB4P
27-10	2233	Important	30 chr EAM PWY5YF 32LPT2EILR55ZVUV2LYFLIVB
27-10	2246	Important	30 chr EAM PWP2X4 Z2ZOLZBHSDRJFBXKEWTF5NK6
27-10	2248	Important	30 chr EAM PWSYCO FLCGZMFFFCZF4QH3FLIL4FDP
27-10	2300	Important	30 chr EAM PWSYCO FLCGZMFFFCZF4QH3FLIL4FDP
27-10	2303	Important	30 chr EAM PWP2X4 Z2ZOLZBHSDRJFBXKEWTF5NK6
27-10	2304	Important	30 chr EAM PWDEYO JWSMHZUZFCDOOWMFG3J6GB4P
27-10	2330	Important	30 chr EAM PWSYCO FLCGZMFFFCZF4QH3FLIL4FDP
27-10	2332	Important	30 chr EAM PWP2X4 Z2ZOLZBHSDRJFBXKEWTF5NK6
27-10	2335	Important	30 chr EAM PWDEYO JWSMHZUZFCDOOWMFG3J6GB4P
28-10	0635	Firedome	30 chr EAM PWNE4T H3JJ2EWA4XHKWLZRHBMHPDAG
28-10	0638	Firedome	30 chr EAM PWBHPL Z5ZGQJDIQBWKHQQL4SZBDXQ
28-10	0641	Firedome	30 chr EAM PWPZJE Z3ADUEU57DGB3SUQQLCKAXS
28-10	1724	Firedome	30 chr EAM PWILTF VBTXGQS4HWTV3X74QGPWLS67
28-10	1727	Firedome	30 chr EAM PWVOQR FX2D4WHKGNIIYKXD7QGPBVEQ
28-10	1730	Firedome	30 chr EAM PWHUF6 SUL4PXGFASEWXVMOFGK7BPG2
28-10	1734	Firedome	30 chr EAM PWHUF6 JUL4PXGFASEWXVMOFGK7BPG2
28-10	1737	Firedome	30 chr EAM PWVOQR FX2D4WHKGNIIYKXD7QGPBVEQ
28-10	1739	Firedome	30 chr EAM PWILTF VBTXGQS4HWTV3X74QGPWLS67
28-10	1755	Firedome	50 chr EAM VF534B UJ4NMSTHZP4UIEFRUFM4MFHRVVVK6ZZZ6HSBP6YLGGGH
28-10	1800	Firedome	30 chr EAM PWHUF6 SUL4PXGFASEWXVMOFGK7BPG2
28-10	1802	Firedome	30 chr EAM PWVOQR FX2D4WHKGNIIYKXD7QGPBVEQ
28-10	1804	Firedome	30 chr EAM PWILTF VBTXGQS4HWTV3X74QGPWLS67
28-10	1808	Firedome	30 chr EAM PW5UL6 ROYDAUWYNXBCHJG2AC5R2ULJ
28-10	1831	Firedome	30 chr EAM PW5UL6 ROYDAUWYNXBCHJG2AC5R2ULJ
28-10	1833	Firedome	30 chr EAM PWVOQR FX2D4WHKGNIIYKXD7QGPBVEQ
28-10	1836	Firedome	30 chr EAM PWILTF VBTXGQS4HWTV3X74QGPWLS67
28-10	1840	Firedome	30 chr EAM PWHPTK FBL2Z6WA7ZL7ICICXZBRQ5UZ
28-10	1843	Firedome	36 chr EAM 3USYPF JAHJHUV5AKZDMMBQ3GF77SBHG3YME
28-10	1853	Firedome	30 chr EAM PWO5ZO L6YCKGSK2ZLRHUTQQXYZPT3I
28-10	1859	Firedome	30 chr EAM PWO5ZO L6YCKGSK2ZLRHUTQQXYZPT3I
28-10	1902	Firedome	30 chr EAM PWHPTK FBL2Z6WA7ZL7ICICXZBRQ5UZ
28-10	1905	Firedome	50 chr EAM VF534B UJ4NMSTHZP4UIEFRUFM4MFHRVVVK6ZZZ6HSBP6YLGGGH
28-10	2156	Firedome	30 chr EAM PW5X63 QRLY52R63FLEC2DVST45RPG6
28-10	2233	Firedome	30 chr EAM PW4NLA GLXISWDVBBKTG2KJPSSF4GB3
28-10	2236	Firedome	30 chr EAM PW6BWW TXSZOETCWJ5AAPXMDNMJWPB
28-10	2300	Firedome	30 chr EAM PW6BWW TXSZOETCWJ5AAPXMDNMJWPB
28-10	2302	Firedome	30 chr EAM PW4NLA GLXISWDVBBKTG2KJPSSF4GB3
28-10	2329	Firedome	30 chr EAM PW6BWW TXSZOETCWJ5AAPXMDNMJWPB

28-10	2331	Firedome	30 chr EAM PW4NLA GLXISWDVBBKTG2KJPSSF4GB3
29-10	0000	Red Wagon	30 chr EAM PW6BWW TXSZOETCWVWJ5AAPXMDNMJWPB
29-10	0002	Red Wagon	30 chr EAM PW4NLA GLXISWDVBBKTG2KJPSSF4GB3
29-10	0030	Red Wagon	30 chr EAM PW6BWW TXSZOETCWVWJ5AAPXMDNMJWPB
29-10	0032	Red Wagon	30 chr EAM PW4NLA GLXISWDVBBKTG2KJPSSF4GB3
29-10	0736	Red Wagon	30 chr EAM PWIJW7 HSULHSJYFQFAGI2HCLC3GXDU
29-10	1355	Red Wagon	30 chr EAM PWQ54R 27VICTXC6FRZKHSWKY22IQGM
29-10	1400	Red Wagon	30 chr EAM PWQ54R 27VICTXC6FRZKHSWKY22IQGM
29-10	1402	Red Wagon	30 chr EAM PWZN3Z 5R2HC4GGLT4IVJAUTZI7EQCS
29-10	1747	Red Wagon	30 chr EAM for Duma-70 3URRKP WAUHO7FWESYHPJFONO433WXV
29-10	1751	Red Wagon	30 chr EAM for Duma-70 3URRKP WAUHO7FWESYHPJFONO433WXV
29-10	1816	Red Wagon	30 chr EAM PW2OPV 7NNKNEKJVUY2DIPCGHRXI7WP
29-10	2017	Red Wagon	30 chr EAM PWFDDH B6CQNP4SOQLQBMWPQVHN4W7D
29-10	2338	Red Wagon	30 chr EAM 3UIQE7 DA3ODWN6NMID3ZEMQZTNE55S
30-10	0012	Headboard	49 chr EAM 3UHVZ2 64PEXPQSU6NUBDGOA4VJQYDRX5B6KMQJQYKR235SUO6
30-10	0232	Headboard	30 chr EAM PWPLB3 ZEAG6AXARQOIIA3YIYE74ASO
30-10	0456	Headboard	54 chr EAM VFAUJL Q33SBSLSIKUCN3JE3XFJIS7RX7SNQFAKQYVVVV7B2GL3GFI
30-10	1527	Headboard	30 chr EAM for Alaskan Night 3UTQZI M52KY3YTFHFRIA7QQFGQJD4
30-10	1746	Headboard	30 chr EAM for Alaskan Night 3UP7NY 3ZGZXO4OQIZVZQIVU6YY3LG
30-10	1833	Headboard	30 chr EAM PWMCNL AUUIPLQ7T5LQKJNDY3KX6TYO
30-10	2133	Headboard	30 chr EAM PWDRUF LJBNEUUTEUB7QIBYKUYQV4UC
30-10	2226	Headboard	30 chr EAM PWWYAM CGPFTHBCHNA4ILFIHJEITRUV
30-10	2230	Headboard	30 chr EAM PWWYAM CGPFTHBCHNA4ILFIHJEITRUV
30-10	2259	Headboard	30 chr EAM PWWYAM CGPFTHBCHNA4ILFIHJEITRUV
30-10	2316	Headboard	30 chr EAM PWDJ7E M7JHSGD5RNDJ74WGGYOL7VA
30-10	2329	Headboard	30 chr EAM PWDJ7E M7JHSGD5RNDJ74WGGYOL7VA
30-10	2331	Headboard	30 chr EAM PWWYAM CGPFTHBCHNA4ILFIHJEITRUV
31-10	1530	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	1547	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	1551	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	1600	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	1602	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	1612	Eggplant	30 chr EAM PWNC36 ATJZRZARXH2JKM6BX6CPXN5O
31-10	1616	Eggplant	30 chr EAM PW6MGI V4YHZ3YC3ZFD4BGQKAUPGWAS
31-10	1618	Eggplant	30 chr EAM PWLTOJ 2MENYN7FBUTDLKF5UMRV7TF6
31-10	1629	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	1632	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	1640	Eggplant	30 chr EAM PWN52S H22ZFIYX4GNDDOATIIR6LYC
31-10	1735	Eggplant	30 chr EAM PWQQUF G3P7RVQRSIBMEWHLYCOEZ7PV
31-10	1738	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	1740	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	1759	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	1802	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	1829	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	1832	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	1859	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	1902	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	1931	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	1933	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	1959	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	2002	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	2029	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	2031	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	2059	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	2102	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	2129	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	2133	Eggplant	30 chr EAM PWETJ7 QSC6LATUVY7HLHOPNNC23FXH
31-10	2201	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	2203	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	2229	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	2231	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	2259	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM

31-10	2301	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN
31-10	2330	Eggplant	30 chr EAM PWZZA3 EZEFZJEO7I6XEOEPX5O7A3TM
31-10	2333	Eggplant	30 chr EAM PW3XDX DI3I5HLJUOKCTDI53HFT2OAN

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by Gwr, AB

Strategic messages

5304 kHz, 01-10, 1325 UTC	XXX XXX WEGI WEGI 84911 SARDINSKIJ 3087 7764 PRUDObYuST 9978 1548
5316.5 kHz, 01-10, 1333 UTC	XXX XXX ONG4 ONG4 51476 LUCKODERN 7253 1581 K
5779 kHz, 01-10, 1339 UTC	XXX XXX VZhCH VZhCH 2170 2170 67078 56132 BOBKOWYJ 2914 8945 K (S28 morse channel)
5423 kHz, 01-10, 1343 UTC	XXX XXX 9RPN 9RPN 94920 SONMOBOSS 8314 4932 RAPSOLUCh 5585 0025 K
5022 kHz, 02-10, 0842 UTC	XXX XXX 1ShchRF 1ShchRF 43268 PRIWODNEN'E 3211 0706 K
5022 kHz, 02-10, 0845 UTC	XXX XXX 1ShchRF 1ShchRF 33172 SIGOBAR 8376 6880 K
5022 kHz, 02-10, 0847 UTC	XXX XXX 1ShchRF 1ShchRF 23996 TORSOLOG 8353 8121 K
5022 kHz, 02-10, 0853 UTC	XXX XXX 1ShchRF 1ShchRF 65367 295 = DDDDD ZhZDBY ZLGEYa ...
5022 kHz, 02-10, 0900 UTC	XXX XXX 1ShchRF 1ShchRF 67150 LOBOMAIS 2855 2197 K
5022 kHz, 02-10, 0901 UTC	XXX XXX 1ShchRF 1ShchRF 72891 DOZhDINKA 6743 7333 K
5022 kHz, 02-10, 0902 UTC	XXX XXX 1ShchRF 1ShchRF 06758 KOMPLEKS 3721 5459 LOGOHRAM 7175 9218 K
5022 kHz, 02-10, 0917 UTC	XXX XXX MSK7 MSK7 08459 SKOKOSPOR 1112 6342 K
5022 kHz, 02-10, 0922 UTC	XXX XXX MSK7 MSK7 94791 LOBOTYL 4972 3689 K
5022 kHz, 02-10, 0933 UTC	XXX XXX MSK7 MSK7 27822 OSMEYaN'E 4522 6932 K
5022 kHz, 02-10, 0934 UTC	XXX XXX MSK7 MSK7 60355 PERIADENIT 7017 4901 K
5022 kHz, 02-10, 0936 UTC	XXX XXX MSK7 MSK7 87698 SEKSTA 5542 7411 K
5022 kHz, 02-10, 0937 UTC	XXX XXX MSK7 MSK7 73348 DEROLYuK 8172 8294 K
5022 kHz, 02-10, 0940 UTC	XXX XXX MSK7 MSK7 11715 ALTAJKA 1871 8850 K
5022 kHz, 02-10, 0944 UTC	XXX XXX MSK7 MSK7 63336 ZAIROPRUT 0856 1577 SMORShchiWAN'E 7017 4901 GUAMOTAU 5542 7411 SALONNYJ 8172 8294 K
5022 kHz, 02-10, 0947 UTC	XXX XXX MSK7 MSK7 00100 BRODORZheW 2172 7408 K
5022 kHz, 02-10, 0953 UTC	XXX XXX 1ShchRF 1ShchRF 27351 SYSKODVUT 5764 7663 K
5304 kHz, 05-10, 1240 kHz	XXX XXX WEGI WEGI 59045 STERONAJM 6180 2261 K
5162.5 kHz, 05-10, 1247 kHz	XXX XXX VJGQ VJGQ 13611 VYMYa 8864 5452 K
5779 kHz, 05-10, 1247 kHz	XXX XXX ANVF ANVF 79821 KARAKOWYJ 4369 8520 K (S28 morse channel)
5423 kHz, 05-10, 1252 kHz	XXX XXX 9RPN 9RPN 30328 SBYTOBRAK 0161 8311 K
4901.5 kHz, 05-10, 1252 kHz	XXX XXX I6CG I6CG 49803 IZOWONA 3908 7043 K
4865 kHz, 05-10, 1255 kHz	XXX XXX ZT5Z 13895 NAREChENNYJ 3052 1362 K
5022 kHz, 05-10, 1300 kHz	XXX XXX 1ShchRF 1ShchRF 66490 WUZOGIT 8394 5891 K
5304 kHz, 05-10, 1351 kHz	XXX XXX WEGI WEGI 01742 NERADENIE 3748 6749
5779 kHz, 05-10, 1400 kHz	XXX XXX ANVF ANVF 52473 KONOMAJYa 1117 3676 (S28 morse channel)
5096 kHz, 06-10, 0808 UTC	XXX XXX ANVF ANVF 15044 GEMORROJNYJ 5317 2295 K (S28 morse channel)
5023 kHz, 06-10, 0840 UTC	XXX XXX 1ShchRF 1ShchRF 42064 GLASOKROW 9073 4609 K
5023 kHz, 06-10, 0846 UTC	XXX XXX 1ShchRF 1ShchRF 56152 SIGOBAR 8376 6880 K
5023 kHz, 06-10, 0848 UTC	XXX XXX 1ShchRF 1ShchRF 73428 PRIWODNEN'E 3211 0706 TOSOLOG 8353 8121 K
5023 kHz, 06-10, 0901 UTC	XXX XXX 1ShchRF 1ShchRF 94911 DOZhDINKA 6748 7833 K
5023 kHz, 06-10, 0903 UTC	XXX XXX ZKDY ZKDY 16731 ZhANROPAT 5753 1004 K
5023 kHz, 06-10, 0905 UTC	XXX XXX 1ShchRF 1ShchRF 08298 KOMPLEKS 3721 5959 LOGOHRAM 7175 9718 K
5023 kHz, 06-10, 0932 UTC	XXX XXX MSK7 MSK7 38103 OSMEYaN'E 4522 6932 K
5023 kHz, 06-10, 0934 UTC	XXX XXX MSK7 MSK7 10966 PERIADENIT 7750 5109 K
5023 kHz, 06-10, 0935 UTC	XXX XXX MSK7 MSK7 57471 SEKSTA 3769 0293 K
5023 kHz, 06-10, 0937 UTC	XXX XXX MSK7 MSK7 85431 DEROLYuK 5854 3896 K
5023 kHz, 06-10, 0939 UTC	XXX XXX MSK7 MSK7 31867 ALTAJKA 1871 8850 K
5023 kHz, 06-10, 0943 UTC	XXX XXX MSK7 MSK7 36749 ZAIROPRUT 0856 1577 SMORShchiVAN'E 7750 5109 GUAMOTAU 3769 0293 SALONNYJ 5854 3896 K
5023 kHz, 06-10, 0946 UTC	XXX XXX MSK7 MSK7 75360 BRODORZheW 2172 7408 K
5023 kHz, 06-10, 0958 UTC	XXX XXX 1ShchRF 1ShchRF 01346 SYSKODZhUT 5764 7663 K
5023 kHz, 09-10, 0851 UTC	XXX XXX 1ShchRF 1ShchRF 68857 PRIWODNEN'E 3211 0706 TORSOLOG 8353 8121 K
5023 kHz, 09-10, 0857 UTC	XXX XXX 1ShchRF 1ShchRF 95553 DOZhDINKA 6743 7833 K
5023 kHz, 09-10, 0900 UTC	XXX XXX 1ShchRF 1ShchRF 21557 KOMPLEKS 3721 5259 LOGOHRAM 7175 9018 K
5023 kHz, 09-10, 0915 UTC	XXX XXX MSK7 MSK7 91440 SKOKOSPOR 1112 6342 K
5023 kHz, 09-10, 0920 UTC	XXX XXX MSK7 MSK7 02845 LOBOTYL 4972 3689 K

5023 kHz, 09-10, 0937 UTC	XXX XXX MSK7 MSK7 21658 DEROLYuK 0502 2394 K
5023 kHz, 09-10, 0391 UTC	XXX XXX MSK7 MSK7 25308 ALTAJKA 1871 8850 K
5023 kHz, 09-10, 0941 UTC	XXX XXX MSK7 MSK7 39994 ZAIROPRUT 0856 1577 SMORShchIVAN'E 7584 5207 GUAMOTAU 5675 8579 SALONNYJ 0502 2394 K
5209 kHz, 09-10, 1104 UTC	XXX XXX LB1E L1BE 34427 PODRAZhan'E 7413 8529 K
5162.5 kHz, 14-10, 1214 UTC	Repeating S30, confirming reception of message with net. XXX XXX ZKKP ZKKP 10081 DEBUTANT 4592 1917 K and ANNP 10081 DEBUTANT 4592 1917 plus more repeats from others in net
5017 kHz, 15-10, 1208 UTC	XXX XXX RGT77 RGT77 34431 STIGMA 1080 0534 K
5304 kHz, 19-10, 1035 UTC	XXX XXX WEGI WEGI 90578 PROWODNOJ 4299 8021
5023 kHz, 19-10, 1038 UTC	XXX XXX 1ShchRF 1ShchRF 60368 PROWODNOJ 4299 8021 K
5161 kHz, 19-10, 1045 UTC	XXX XXX ZhMDS ZhMDS 38007 NILOWNUK 4024 2182 K. Confirmation of message from several stations in simplex net followed
7178.5 kHz, 19-10, 1043 UTC	8S1Shch 38007 NILOVNUK 4024 2182 (S30 morse channel)
4865 kHz, 19-10, 1053 UTC	XXX XXX C6Zh8 C6Zh8 26751 NEPRAWEDNYJ 3988 1403 K
5423 kHz, 19-10, 1050 UTC	XXX XXX 9RPN 9RPN 04164 POLETNYJ 5358 8282
7178.5 kHz, 19-10, 1152 UTC	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151 (S30 morse channel)
4982 kHz, 19-10, 1402 UTC	XXX XXX WEGI WEGI 5LG radiogram and XXX XXX WEGI WEGI 29625 MARS 1911 1547 K
5017 kHz, 19-10, 1402 UTC	XXX XXX WEGI WEGI 5LG radiogram and XXX XXX WEGI WEGI 29625 MARS 1911 1547 K
4982 kHz, 19-10, 1410 UTC	XXX XXX WEGI WEGI - 5LG radiogram //5017 kHz
5017 kHz, 19-10, 1410 UTC	XXX XXX WEGI WEGI - 5LG radiogram //4982 kHz
4810 kHz, 21-10, 1301 UTC	XXX XXX RMU51 RMU51 58338 WATTONARD 2355 0558 K
4386 kHz, 21-10, 1306 UTC	XXX XXX OWMC OWMC 17613 WYPARIWANIE 8803 7522 K
5403 kHz, 21-10, 1420 UTC	XXX XXX WEGI WEGI 04019 SPOROSHURF 4824 0209 K
3895 kHz, 21-10, 1552 UTC	ZhZFY SBYTOSYeV 112 ChYeSTNOST' 151 (S32 morse channel)
5304 kHz, 22-10, 0818 UTC	XXX XXX WEGI WEGI 57873 TRUPOPLUG 9047 3920 K
4865 kHz, 22-10, 0828 UTC	XXX XXX 1LA7 1LA7 75082 LIHOLET'E 3145 4302 K
5304 kHz, 26-10, 1220 UTC	XXX XXX WEGI WEGI 61822 GOSTOSGON 8235 2125 K
5779 kHz, 26-10, 1234 UTC	XXX XXX WVCH WVCH 48277 52253 ZACHITYWANIE 7817 9271 K (S28 morse channel)
5304 kHz, 26-10, 1522 UTC	XXX XXX WEGI WEGI 22940 ROZOVOSHchEKIJ 6204 8418
3386 kHz, 26-10, 1543 UTC	XXX XXX 8S1Q 8S1Q SBYTOSEV 212 ChESTNOST' 251 (S30 CW channel)
3386 kHz, 26-10, 1735 UTC	8S1Shch 83441 ASSONANS 52911 84677 (S30 CW channel)
5023 kHz, 27-10, 0918 UTC	XXX XXX MSK7 MSK7 77310 OBOZODAMP 1413 0320 K
5023 kHz, 27-10, 0921 UTC	XXX XXX MSK7 MSK7 55110 MYaGKOTELYJ 2732 2661 K
5023 kHz, 27-10, 0929 UTC	XXX XXX MSK7 MSK7 05476 TWIN 2564 0472 K
5023 kHz, 27-10, 0932 UTC	XXX XXX MSW7 MSK7 88151 PREDWESHchANIE 8397 7347 K
5023 kHz, 27-10, 0935 UTC	XXX XXX MSK7 MSK7 91053 KLYuZOSRAM 6968 2477 K
5023 kHz, 27-10, 0936 UTC	XXX XXX MSK7 MSK7 21832 KIMWAL'NYJ 2880 9116 K
5023 kHz, 27-10, 0939 UTC	XXX XXX MSK7 MSK7 29123 SBEGANIE 9173 7686 RANGOSTAZ 8397 7347 STOKOTON 6968 2477 SPINOTOK 2880 9116 K
5023 kHz, 27-10, 0944 UTC	XXX XXX MSK7 MSK7 73087 KRUGORISK 8099 5239 K
5023 kHz, 27-10, 0945 UTC	XXX XXX MSK7 MSK7 05573 MOLOChES 5107 6426 K
5023 kHz, 27-10, 0957 UTC	XXX XXX 1ShchRF 1ShchRF 83872 LEKAL'ShchIK 8090 1433 K
5423 kHz, 27-10, 1000 UTC	XXX XXX 9RPN 9RPN - MMMMM radiogram
5304 kHz, 27-10, 1205 UTC	XXX XXX SX6V SX6V 05283 SBYTOWID 4884 2238 K
5423 kHz, 27-10, 1210 UTC	XXX XXX 9RPN 9RPN 19164 PLANISFERA 4527 9287 K
4286 kHz, 28-10, 1347 UTC	follow up message to SX6V from WEGI channel XXX XXX OT'9 OT'9 28791 (rest not copied)

Monolith stations

Western District logs

Known stations of the Western Military District

S28: Buzzer (4625 kHz)
D marker (5292 kHz)
Dash marker (4182 kHz)
Air Horn (3510 kHz)
Goose (day 4310 / night 3243 kHz)
Alarm (4770 kHz)
Katok-65 (day 4224 / night 3218.5 kHz)

Freq.	Date	UTC	Code	Mode	Details
4625	01-10	1339	S28	USB	VZhCH 2170 2170 67078 56132 BOBKOWYJ 2914 8945 K
5779	05-10	1247	M32	CW	XXX XXX ANVF ANVF 79821 KARAKOWYJ 4369 8520 K (S28 morse channel)
5779	05-10	1400	M32	CW	XXX XXX ANVF ANVF 52473 KONOMAJYa 1117 3676 (S28 morse channel)
5779	26-10	1234	M32	CW	XXX XXX WVCH WVCH 48277 52253 ZACHITYWANIE 7817 9271 K (S28 morse channel)
4310	26-10	1419	---	USB	Vozduh Ohvat-98 86257 IMPORTYeR 2160 (Goose)
4310	27-10	1515	---	USB	Vozduh Ohvat-98 53172 STRATA 5510 7155 (Goose)
4310	28-10	1559	---	USB	Vozduh Ohvat-98 13681 YeZhINA 6511 1737 (Goose)
4310	28-10	1628	---	USB	Vozduh Ohvat-98 93135 SOHA 9874 6316 (Goose)

Southern District logs

Known stations of the Southern Military District

S30: The Pip (day 5448 / night 3756 kHz)

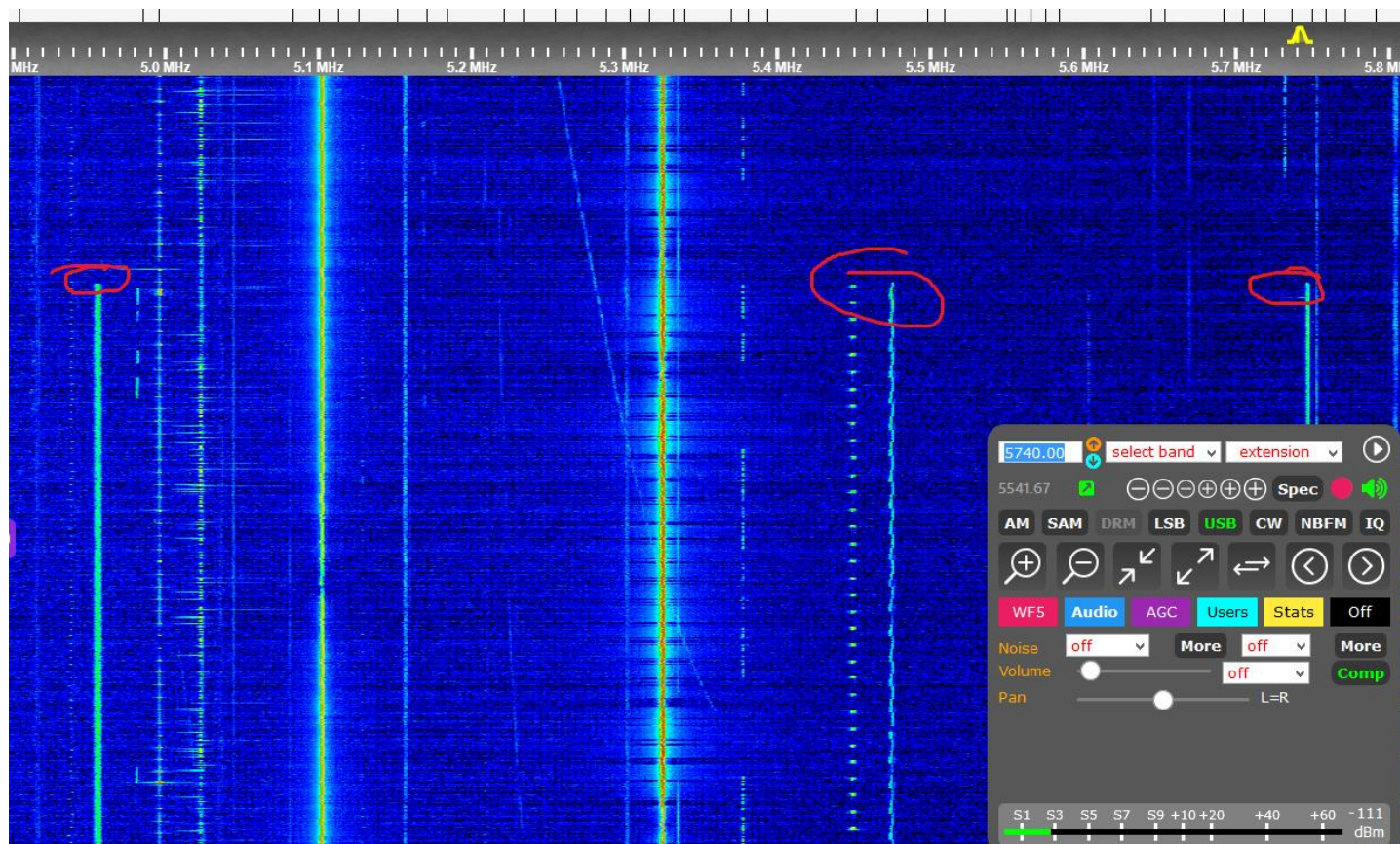
S32: The Squeaky Wheel (day 5473 / night 3828 kHz)

Vega (5372 kHz)

Baron-78 (day 3850 / night 4940 kHz)

4955/5448/5473/5747 kHz, 23-10, 1045 UTC

Transmitter hosting AT modem on 4955 kHz, Pip marker, Wheel marker and carrier on 5747 kHz fails. This happened again at 1230 UTC. At 1235 UTC Wheel marker failed again, however Pip did not fail nor did the AT modem on 4955 or carrier on 5747 kHz.



Notes from Gwraspe:

Gwraspe writes on 7 Oct: "Exciting times! Pip's CW channel night freq has been found by Danix whilst I was transcribing the voice channel at 1542z, I figured out where the CW I often hear in the background of the open microphone in Baron-78's TX room."

3386 kHz is the night frequency for Pip CW station found courtesy of Danix

27-10: Return of Bushlat-11 and also have deduced that S'6Zh XXX flash messages, given on WEGI frequency 5304cw, leads to 9RPN follow up flash on 5423cw – already knew both stations, but had not made this correlation until today. A new station with odd UZOR format message.

Recordings:

4940 kHz, 07-10, 1510 UTC

<https://priyom.org/media/252038/baron-4940usb-20201007-1510z-cw4855-bygwraspe.ogg>

5372 kHz, 19-10, 1003 UTC. New format from Vega: N'ZhJ 8885 4878 0206 4456 0045 8311 2697 0652 1779 5332 063

<https://priyom.org/media/252324/vega-5372usb-20201019-1003z-newformat-bygwraspe.ogg>Baron: <https://priyom.org/media/252614/baron-3850usb-20201026-1545z-pip-cw-bleed-bygwraspe.ogg>S30: <https://www.priyom.org/media/252621/s30-3756usb-20201026-1735z-newformatmsg-bygwraspe.ogg>

Freq.	Date	UTC	Code	Mode	Details
5448	01-10	1336	S30	USB	8S1Shch 46026 VODOZAM 6030 3600 MYeROChKA 7804 9453
5372	01-10	1400	---	USB	N'ZhJ 38613 MARSORYeJD 9987 5512
5473	01-10	1410	S32	USB	Penza-07 Yahta-94 Firna-85 Stupa-32 Dzhigit-46 Landysh-74 Storozh-62 Nevka-26
5448	02-10	0833	S30	USB	DYeAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V. Same pools and order as September 11th
5448	02-10	1117	S30	USB	8S1Shch ZAKAT 4321. Not repeated by S32
5448	02-10	1117	S30	USB	8S1Shch KLARYeT 0151
5473	02-10	1119	S32	USB	Al'fa-45 KLARYeT 0151
5448	02-10	1248	S30	USB	ZhSK4 HZ5T 5FSShch A3PS 8MUO TUZR 5J7Shch DMC3 49FT C2ZA
5448	02-10	1409	---	USB	8S1Shch DOLGOFRIZ 4566
5473	02-10	1413	S32	USB	Al'fa-45 DOLGOFRIZ 4566
5473	02-10	1446	---	USB	N'ZhJZAKAT 4321 DOLGOFRIZ 4566
5448	05-10	1247	S30	USB	8S1Shch 13611 VYMYa 8864 5452
5473	05-10	1250	S32	USB	Al'fa-45 46466 LYuFTOKORT 5547 9951
5448	05-10	1257	S30	USB	8MUO TUZR 5J7Shch DMC3 49FT C2ZA ShchGJP TZLM FY5Ye F61N
4940	05-10	1309	---	USB	Baron-78 monolit as part of command chain (tuned too late to transcribe)
5372	05-10	1310	---	USB)	N'ZhJ 33752 VKLYeIVANIYe 1119 7632
5448	05-10	1358	S30	USB	8S1Shch 01449 DUShOShKAF 1663 7196
5473	05-10	1403	S32	USB	Al'fa-45 56526 IDIShOKVIT 4336 3719
4940	05-10	1408	---	USB	Tros-28 ya Baron-78, proverka svyazi, priyom
4940	05-10	1409	---	USB	Tros-28 ya Baron-78 vozduh Baklan - 25220 TRYeZUBKA 8417 3410
5473	06-10	1405	S32	USB	Penza-07 Yahta-94 Firna-85 Pesochnyj-21 Sliva-94 Alyeut-09 Fakyel-36 Kovboj-39
3828	06-10	1517	S32	USB	Al'fa-45 02136 KORTODYeK 5171 8797 Sent independently of S30 (no prior message)
3756	06-10	1535	S30	USB	LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CShchJ 27Shch' N1DU 53OB
3920	06-10	1600	---	USB	Baron-78 changed from night freq 3920 kHz to the usual 3850 kHz, cw audible over open mic of Baron. One station sent P1FO DE B8O1. Net checking
3850	06-10	1600	---	USB	Baron-78 changed from night freq 3920 kHz to the usual 3850 kHz, cw audible over open mic of Baron. One station sent P1FO DE B8O1. Net checking
5448	07-10	0820	S30	USB	8S1Shch ShchITONARY 160
5448	07-10	0927	S30	USB	8S1Shch 79398 BEhROBLyUM 9518 4937
5448	07-10	0929	S30	USB	8S1Shch 71233 MYShKA 3538 6985
5473	07-10	0933	S32	USB	Al'fa-45 84867 MYeROChNYJ 3690 6729
5473	07-10	0935	S32	USB	Al'fa-45 12872 ZVONOKUM 4936 2605
4940	07-10	0937	---	USB	Baron-78 Baklan, too weak to transcribe
5448	07-10	1000	S30	USB	8S1Shch HLADOSRAM 168
5473	07-10	1004	S32	USB	Al'fa-45 HLADOSRAM 168
4940	07-10	1005	---	USB	Tros-28 ya Baron-78 - Vozduh Baklan - HLADOSRAM 168
5372	07-10	1020	---	USB	N'ZhJ 20535 V'YuNOLAJM 3321 6520
5372	07-10	1021	---	USB	Eshche Vozduh Vega N'ZhJ 03754 NYeUChOHRYuK 9011 8834
5372	07-10	1022	---	USB	Eshche Vozduh Vega N'ZhJ HLADOSRAM 168
5448	07-10	1023	S30	USB	8S1Shch 98075 MORKOVNYJ 0506 1330
5473	07-10	1027	S32	USB	Al'fa-45 86866 VLYeTOBLOK 3676 5580
4940	07-10	1028	---	USB	Tros-28 ya Baron-78 - Vozduh Baklan - 37093 BYeLANDYe 7216 1050
5372	07-10	1039	---	USB	N'ZhJ 41899 BLYuZ 6688 1145
5448	07-10	1203	S30	USB	CI9V ZhSK4 HZ5T 5FSShch A3PS 8MUO TUZR 5J7Shch DMC3 49FT
4855	07-10	1510	M32	CW	CW channel that always can be heard during Baron-78's transmission via an open mic
4940	07-10	1510	---	USB	Baron-78 open mic (as always) with audible 5fig radiogram in background. This radiogram was taking place on 4855cw and is simplex.
3756	07-10	1542	S30	USB	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260 HLADOSRAM 268
3828	07-10	1545	S32	USB	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260 HLADOSRAM 268
5448	09-10	1345	S30	USB	79AJ ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V ZhSK4 HZ5T 5FSShch
5473	09-10	1515	S32	USB	Penza-07 Leggina-38 Karta-11 Pesochnyj-21 Stupa-32 Fontan-34 Landysh-74 Ruzh'e-26
3850	09-10	1630	---	USB	Baron-78. Pip channel marker heavily audible behind Baron-78 open mic marker
3756	09-10	1630	S30	USB	8S1Shch YaLOHOR 109
3828	09-10	1633	S32	USB	Al'fa-45 YaLOHOR 109

5448	14-10	1211	S30	USB	8S1Shch 10081 DYeBYuTANT 4592 1917
5162.5	14-10	1214	M32	CW	Repeating S30: XXX XXX ZKKP ZKKP 10081 DEBUTANT 4592 1917 K and ANNP 10081 DEBUTANT 4592 1917 plus more repeats from others in net
5473	14-10	1216	S32	USB	Al'fa-45 57211 OBMIRAN'Ye 5377 3519
4940	14-10	1218	---	USB	Tros-28 ya Baron-78 Baklan 93638 MYeGIBAL 6394 7133
5372	14-10	1234	---	USB	N'ZhJ 28447 GNYeVOSTAN 0433 1692
5448	15-10	1411	S30	USB	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251
5473	15-10	1413	S32	USB	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251
5372	15-10	1430	---	USB	N'ZhJ SBYTOSYeV 212 ChYeSTNOST' 251
5448	16-10	0926	S30	USB	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151 YaLOHOR 109
5473	16-10	0929	S32	USB	Al'fa-45 SBYTOSYeV 112 ChYeSTNOST' 151 YaLOHOR 109
5372	16-10	0945	---	USB	N'ZhJ SBYTOSYeV 112 ChYeSTNOST' 151 YaLOHOR 109
5448	16-10	1255	S30	USB	TUZR 517Shch DMC3 49FT C2ZA ShchGJP TZLM FY5Ye F61N 37CN
5448	16-10	1304	S30	USB	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251 YaLOHOR 209
5473	16-10	1308	S32	USB	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251 YaLOHOR 209
5372	16-10	1333	---	USB	Operator starts reading the morning start version of the message (112, 151, 109) before saying "otstavit" and correcting to evening close version (212, 251, 209) N'ZhJ SBYTOSYeV 212 ChYeSTNOST' 251 YaLOHOR 209
5473	16-10	1340	S32	USB	Penza-07 Yahta-94 Serna-85 Stupa-32 Dzhigit-46 Landysh-74 Storozh-62 Kovboj-39 (Callsign previously heard as "Firna-85" is actually "Serna-85")
5372	19-10	1003	---	USB	New format from Vega: N'ZhJ 8885 4878 0206 4456 0045 8311 2697 0652 1779 5332 063
7178.5	19-10	1043	M32	CW	8S1Shch 38007 NILOVNUK 4024 2182 (S30 morse channel)
5448	19-10	1043	S30	USB	8S1Shch 38007 NILOVNUK 4024 2182
6913	19-10	1043	S30	USB	8S1Shch 38007 NILOVNUK 4024 2182
5473	19-10	1047	S32	USB	Al'fa-45 74281 BINTOTYL 5957 8488
4940	19-10	1047	---	USB	Baron-78 86319 CIBULYa 3446 3967
5372	19-10	1117	---	USB	N'ZhJ 48252 NARKOLOG 6631 8649
5448	19-10	1152	S30	USB	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151
6913	19-10	1152	S30	USB	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151
7178.5	19-10	1152	M32	CW	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151 (S30 morse channel)
5473	19-10	1154	S32	USB	Al'fa-45 SBYTOSYeV 112 ChYeSTNOST' 151
5372	19-10	1210	---	USB	N'ZhJ SBYTOSYeV 112 ChYeSTNOST' 151 (Baron-78 isn't getting involved in these Uzor messages recently)
5448	21-10	0914	S30	USB	8S1Shch SBYTOSYeV 112
5473	21-10	0916	S32	USB	Al'fa-45 SBYTOSYeV 112
5372	21-10	0935	---	USB	N'ZhJ SBYTOSYeV 112
5448	21-10	1248	S30	USB	8S1Shch SBYTOSYeV 212
5448	21-10	1254	S30	USB	8S1Shch 04450 LYeVORUL' 8962 8922
5473	21-10	1259	S32	USB	Al'fa-45 23572 GROMOKLYeV 1116 6558
5372	21-10	1314	---	USB	N'ZhJ SBYTOSYeV 212
5372	21-10	1315	---	USB	N'ZhJ 10393 DYeKOSHISh 7539 9867
5448	21-10	1429	S30	USB	8S1Shch 05664 VKUSOKON 6291 0171
5473	21-10	1432	S32	USB	Al'fa-45 22602 GORNOVOYaZh 8379 3651
5372	21-10	1451	---	USB	N'ZhJ 26972 OZhOGOvNUK 3230 2983
3756	21-10	1550	S30	USB	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151
3895	21-10	1552	M32	CW	ZhZFY SBYTOSYeV 112 ChYeSTNOST' 151 (S32 morse channel)
3828	21-10	1552	S32	USB	Al'fa-45 SBYTOSYeV 112 ChYeSTNOST' 151
5448	22-10	0826	S30	USB	8S1Shch 20844 MATChOMIR 5364 3189
5473	22-10	0829	S32	USB	Al'fa-45 00112 VLYeTOBLOK 3676 5580
4940	22-10	0831	---	USB	Tros-28 ya Baron-78; Baklan - 13428 NYePRUDA 4645 2633
5372	22-10	0848	---	USB	N'ZhJ 06735 NAPOL'NYJ 7854 0355
5448	22-10	0905	S30	USB	NLCYe LI27 V2MZ SB7Z' O6P Y8VM 6I2Zh 8CShchJ 27Shch' N1DU. Same pools and order as March 4th & March 13th and Sept 29th night time dlya
5473	23-10	0845	S32	USB	Dubler-68 Penza-07 Stazher-29 Leggina-38 Yahta-94 Zaslonka-27 Karta-11 Serna-85
5448	23-10	1023	S30	USB	49FT C2ZA ShchGJP TZLM FY5Ye 37CN MUDR 7VNSHch Zh7NZh YMA5. Same pool & order as September 30th
5448	23-10	1105	S30	USB	8S1Shch KOROSTA 0925 1415. No follow up messages from rest of network
5448	23-10	1217	S30	USB	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251
5473	23-10	1219	S32	USB	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251
5372	23-10	1236	---	USB	N'ZhJ SBYTOSYeV 212 ChYeSTNOST' 251
4325.8	26-10	1120	MX	CW	Channel marker R, Izhevsk
5448	26-10	1200	S30	USB	ZhD9V 42BV 81BR M7KS PMV5 L'GJ KZI' TShchShchS VKY1 HCLF
5448	26-10	1225	S30	USB	8S1Shch 19472 BRATNIN 9848 1474
5473	26-10	1229	S32	USB	Al'fa-45 89913 ZUDOLYuB 6487 6475
4940	26-10	1233	---	USB	Tros-28 ya Baron-78 Baklan 75280 BOROZDORYeZ 6329 5465 - asks for signal report (a poluchenie signal dolozhit')
5372	26-10	1244	---	USB	N'ZhJ 01423 KRYuKOTIRS 7505 0628
5473	26-10	1350	S32	USB	Penza-07 Yahta-94 Serna-85 Stupa-32 Dzhigit-46 Landysh-74 Fakyel-36 Storozh-62
3756	26-10	1535	S30	USB	8S1Shch 51837 VYeTROTASS 8245 8340 confusion and test counts before message

3828	26-10	1538	S32	USB	Al'fa-45 29283 KLIKOSVISHch 5030 9751
3386	26-10	1543	M32	CW	XXX XXX 8S1Q 8S1Q SBYTOSEV 212 ChESTNOST' 251 (S30 CW channel)
3850	26-10	1543	---	USB	S30 CW on 3386 kHz audible through open mic of Baron-78
3756	26-10	1543	S30	USB	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251
3828	26-10	1546	S32	USB	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251
3756	26-10	1735	S30	USB	8S1Shch 83441 ASSONANS 52911 84677 (new format message: 5fig groups after codeword) No follow up messages from rest of network
3386	26-10	1735	M32	CW	8S1Shch 83441 ASSONANS 52911 84677 (S30 CW channel)
5448	27-10	0915	S30	USB	ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V ZhSK4 HZ5T 5FSShch A3PS
5473	27-10	1300	S32	USB	Pesochnyj-21 Shuler-60 Stupa-32 Sliva-94 Utes-94 Dzhigit-46 Fontan-34 Alyeut-09
5045	27-10	1415	---	USB	Tsaplya, Tsaplya, Ya Znanya, primite radiogrammu: SIGNAL 4832
3756	27-10	1547	S30	USB	8S1Shch 95499 NORIYa 2276 0723
3828	27-10	1553	S32	USB	Al'fa-45 96104 AVIAZAVOD 2513 3885
3850	27-10	1557	---	USB	Tros-28 ya Baron-78 Baklan 54066 PARABYeL' 5926 1960
5448	28-10	1015	S30	USB	F56Shch 9GSA ZhBZU 4RVZ 3VS' DKJ1 ZhD9B 42BV 81BR M7KS
5473	28-10	1200	S32	USB	Dubler-68 Penza-07 Yahta-94 Serna-85 Utes-94 Ruzh'e-26 Burka-37 Nevka-26
3756	28-10	1541	S30	USB	8S1Shch 74948 GAKOHIOS 0725 6472
5473	28-10	1544	S32	USB	Al'fa-45 09149 ADORANT 6035 9496
3850	28-10	1548	---	USB	Message sent immediately after 18 minute late day/night freq switchover. Tros-28 ya Baron-78 - Baklan - 78452 FARCOVShchIK 6420 0016

Russian military voice transmissions

Russian Military voice traffic

Znanya has returned at some point this month, perhaps even in September.

5045 kHz, 27-10, 1415 UTC Tsaplya, Tsaplya, Ya Znanya, primite radiogrammu: SIGNAL 4832

5045 kHz, 28-10, 1415 UTC Tsaplya, Tsaplya ya Znanya primite radiogrammov: SIGNAL 4832

4110 kHz, 27-10, 1229 UTC Zalit'-52 MOLNIYa 52

4639 kHz, 27-10, 1502 UTC Bushlat-11 netchecking - Bushlat-11 sends monolit/vozduh messages addressed to collective callsign "Volnushka-07" and is based in Sevastopol

Russian Navy voice traffic

5461 kHz, 01-10, 1450-1600 UTC

Topol'/Smelej/Belomor/Raketa naval network operational freq, using numbered callsigns 101st, 5th, 22nd, etc.

101st is central station - Smelej

Ship callsigns are in the 2x range (22nd, 23rd etc.)

101st to 22nd SIGNAL 2698 / 1800

22nd to 101st SIGNAL 2698 / 1800 understood

21st to 101st SIGNAL 2698 / 1800

101st to 21st SIGNAL 2698 / 1800 understood

11th to 101st SIGNAL 2698 / 1800 / 44 15 & 5 / 33 44 & 9 / 92 / 10

21st to 101st Shatka 44 21 & 3 / 34 04 & 8

21st to 101st SIGNAL 2698 / 1800 / 44 22 & 4 / 34 12 & 9 / 74 / 10

5461 kHz, 02-10, 0850 UTC

101st (Smelej) sends to network: SIGNAL 3577

5461 kHz, 02-10, 1000 UTC onwards

Naval net with Smelej as central, operational callsign 101st

101st sent initial signal SIGNAL 5420, rest of network reply some time later with worked variations

5461 kHz, 09-10, 1000 UTC. Black Sea Fleet

Naval exercise involving operational callsigns 101st, 23rd etc., missile systems exercise

23rd is operational callsign for usual callsign Smelej

https://function.mil.ru/news_page/country/more.htm?id=12318415@egNews

14-10: Naval net operations continue on 5461 kHz. Numbered/operational callsigns again. Also non-operational (standard) callsigns Moryuchok and Tahta heard

5461 kHz, 14-10, 1500 UTC. Gvozdika, Master, Moyozhik and another with SAMOLET message.

711 28 14 1750 711

Samolet dlya Gvozdiki, kak prinimaet, priyom?

Prodolzhayu

17842 01647 41033 88860 99093 74922 08060 95263 20602 78153

54392 81245 00537 86824 57517 67293 77262 64274 447xx 17247

89763 47046 79502 32374 48030 14025

ya Master priyom

<https://priyom.org/media/252226/gvozdika-5461usb-20201014-1500z-sml-bygwrasppe.ogg>

5461 kHz, 23-10, 0908 UTC. Black Sea Fleet voice net

101st, 21st and 24th are shore (Topol', Smelej and either Belomor or Raketa respectively in this exercise), 1x range is ships (12th. 13th 14th)

101st to 12th & 13th : SIGNAL 3577

12th to 101st : received/accepted

13th not responding to 101st

101st to 14th : check reception with 13th and pass on SIGNAL 3577

14th to 13th : as asked

13th and 101st then establish contact and 101st gives SIGNAL 3577, 13th received and accepts

<https://priyom.org/media/252503/blackseafleet-5461usb-20201023-0908z-signal3577-bygwrasppe.ogg>

5461 kHz, 23-10, 1435 UTC

21st o 101st : SIGNAL 6215 / 1725 / 1100

24th to 101st : 6215 / 1200 zavtra (tomorrow)

14th to 101st : 6215 / 2200 & 8

11th to 101st : 6215 / 0900 zavtra, priyom

5832 kHz, 28-10, 1030 UTC. Naval operational. Black Sea Fleet

Central station Zerno-1 is Topol' (Novorossiysk naval base)

Zerno-2 is Belomor

Zerno-3 is Smelej

working callsign 03030

Zerno-1 gave command "03030 ya zerno-1 perehodym SA5 na etom kanala" (go to mode SA5 on this channel), all parties then began using AT modem

Zerno-1 then commands "perehodym rezhime SA2 na etom kanala" (go to mode SA2 on this channel) again followed by AT modem usage

Zerno-1 and 03030 with intermitten distance reports between 1500 and 1530z, starting at "udalenie 730km", then "udalenie 530km", "udalenie 200km", "udalenie 40km" - seemingly naval aviation from the distance covered in short time, also 03030 is a flight-callsign format rather than a ship, backing up naval aviation origin

Russian Air Force voice traffic

Long Range Aviation

5626 kHz, 02-10, 1330 UTC

Flight 99191 confirms reception with ground station Vorkij - typo in recording links as Lorkij

Flight 99191 and 99192 have been working Tablica and Stupen' bear net ground stations for couple of weeks now

<https://priyom.org/media/251632/lra-5626usb-20201002-1330z-lorkij-bygwrasppe.ogg>

<https://priyom.org/media/251638/lra-5626usb-20201002-1330z-lorkij2-bygwrasppe.ogg>

5626 kHz, 02-10, 1404 UTC

Flight 99191 unsuccessfully calling flight 44926

5628 kHz, 07-10, 1140 UTC

Flight 62452 and ground station Kedr. Kedr is Saratov as shown by TDoA, Tablica is Saratov's main LRA callsign, I will refer to Kedr as Saratov-2 hereafter

62452 ya Kedr - povtoryayu radio - znak razdela 026 494 178 367 kak prinyali, priyom

62451 to Kedr - 026 309 258

<https://priyom.org/media/252019/kedr-5628usb-20201007-1140z-lra-bygwrasppe.ogg>

<https://priyom.org/media/252022/kedr-5628usb-20201007-1140z-62451-bygwrasppe.ogg>

5628 kHz, 07-10, 1225 UTC

62452 to Kedr - 827 908 173 492 609 665

5628 kHz, 07-10, 1243 UTC

62451 to Kedr - 081 831 103 471 478

5628 kHz, 07-10, 1255 UTC

62452 to Kedr - 852 609 258

14-10: Long Range Aviation active throughout the day

Stupen' on 8033usb since morning working 44951 and 44952

Tablica on 5803usb since ~1420z working 44951

44951 to Tablica 992 412 919 910 150 744

5628 kHz, 16-10, 0948 UTC

Kedr is perhaps one of the fleets from Engels-2 airbase

14742 to Kedr 575 426 335 146 819

5628 kHz, 16-10, 1306 UTC

14742 to Kedr - 543 214

5803 kHz, 21-10, 1113 UTC

63923 to Tablica - 302 005 454 048 767 299

5628 kHz, 27-10, 1457 UTC

usb - Long Range Aviation - same female operator also works Tablica (Saratov general LRA callsign), Kedr is likely one of the four fleets based at Engels-2 airbase

66501 to Kedr - 810 860

<https://priyom.org/media/252654/kedr-5628usb-20201027-1457z-66501-bygwraspe.ogg>

Russian military morse transmissions

M32 - Russian Military CW Stations

14576 kHz, 08-10, 0759 UTC

MC7G MC7G MC7G DE PA7W PA7W K

RPT K

RK

SHMO SHMO SHMO QTC ZDO?

SHMO SHMO SHMO

208 34 8 1105 208 = ZDO 202 = ZHN

DUZŪI ChOOSHf DRZBN IOYUWY RUVEO GNKYuQ PVVTSh PFAUN RMBYaO HUZyD

NPCVP ISVQT GCBByu RTWEE PPWChf LTRPZ IAPZC CSYFL BMGRP EHSWC

WFDAM SYCMD YuTVFU HChYAR QQYaRCh ALIDW NShOYaE HEKFZ WDIKM PIPEP

824 ShLN K

17454 kHz, 21-10, 0801 UTC, i.p.

4MAI 4MAI 4MAI DE D2AX D2AX R 297? K

4MAI 4MAI 4MAI DE D2AX D2AX R 297? K

4MAI 4MAI 4MAI DE D2AX D2AX R 297? K

6914 kHz, 21-10, 1636 UTC

HDF5 HDF5 HDF5 HDF5 HDF5 HDF5 HDF5 HDF5 HDF5 HDF5 HDF5 HDF5 HDF5 HDF5 AR

M32a - Russian Navy

11155 kHz, 04-10, 1658 UTC, i.p.

24832 87412 42941 45844 77174 81869 96110 15724 93829 31413 42224 06506 30777 15807 16201 19635 04041 = AR RIT K

RIT RIT 20558 62617 K

M32b - Russian Naval Air Transport

8816 kHz, 12-10, 0755 UTC

RJF94 RJC38 DE 52446 QTO 0745 QRD XLWF XLMD QBD 0500 QRE XLWF 1110 K
QTH 16557 13350 QTR 0846 QBD 0400 QBG 5800 K
QAY XLPB 1004 QBD 0300 QRE XLWF 1100 K
QQM XLWF 1055 SK

8816 kHz, 12-10, 1521 UTC

RJF94 RJC38 DE 52446 QTO 1315 QRD XLMD XLWF QBD 0430 QRE XLMD 1605 K
QAY XLPB 1411 QBD 0330 QBG 5500 K
QTH 16622 13334 QTR 1515 QBD 0230 QRE XLMD 1610 K
QQM XLMD 1607 SK

8737 kHz, 15-10, 1412-1418 UTC

RFV99 RFV99 RFV99 DE RMP RMP QTC 285 23 15 1218 285 =
BÖDAM ÜPOEQ MRDLL VCTYF BQÄÄS GQZQP TBDRT HOKOÖ INZNK TACCG
AGPÜÖ LQYÜB MÄPCZ ÜDEHS HIABF TÜLLE ERVDÖ KVÖMÖ HGAWS ÖWÜMC
VÜAWP IKKHD BUÄÜB ÄTPWW AR

VVV RHL80 RHL80 RHL80 DE RMP RMP QSA? QTC K

RHL80 RHL80 RHL80 DE RMP RMP QTC 55 6 4 15 1219 556 =
ÜNBMI FMÖNT DÜFWC KDPTÜ PGÜCD ZBGQÖ DHRYK TSCOD ÖBBHG SAWRT
ISCBÄ LPCND VIPGH OEACN HOSZÖ VZPFA ÖMYWA EIMKS OGNUC FCHRB
WVWEH CMÖOQ OSVHÄ ÄTPWE =

M32a – Russian navy T600 messages

16112 kHz, 15-10, 1105 UTC, T600

Sync 1414bebe952

Session key: 07 16 1c 61 64 32 61 25 23 31 25 70 15 4a 07 16 62 16 58 1c 23 0d 58 62 16 2a 4c
<EOM><EOM><EOM>

16112 kHz, 15-10, 1108 UTC, T600

Sync 1414bebe952

Session key: 0e 43 46 34 52 64 31 54 54 64 16 32 0b 62 19 0e 2c 15 0e 25 52 62 1c 16 16
31 62 19 25 4a 1a 70 13 1c 0e 64 62 58 0b 62 31
25 51 58 4c 52 43 64 1a 13 19 4a 51 68 1a 62 43
38 58
<EOM><EOM><EOM>

16112 kHz, 15-10, 1108 UTC, T600

Sync 1414bebe952

Session key: 0e 43 46 34 52 64 31 54 54 64 16 32 0b 62 19 0e 2c 15 0e 25 52 62 1c 16 16
31 62 19 25 4a 1a 70 13 1c 0e 64 62 58 0b 62 31
25 51 58 4c 52 43 64 1a 13 19 4a 51 68 1a 62 43
38 58
<EOM><EOM><EOM>

16112 kHz, 15-10, 1110 UTC, T600

Sync 1414bebe952

Session key: 34 32 64 16 0d 0b 4c 61 13 0e 62 61 25 64 43 23 19 1c 07 58 34 43 13 1c 19
13 43 43 2a 07 43 62 70 43 61 0d 43 34 0d 4a 4c
26 2c 64 31 32 34 0b 51 61 32 4c 23 19 07 62 43
62 43 70
<EOM><EOM><EOM>

16112 kHz, 15-10, 1110 UTC, T600

Sync 1414bebe952

Session key: 2a 1a 0d 31 58 54 1c 19 62 07 43 0e 46 32 4a 25 70 34 07 46 4c 0b 58 31 64

25 26 15 68 25 23 2a 43 25 54 51 4c 23 4c 07 2a
46 4a 64 61 70 0d 15 62 68 43 13 58 16 70 68 52
2c 16 1c 23 32 19 15 4a 4c 1a 0e 38 2a 68 54 16
26 25 23 31 23 68 61 34 62 1c 16 52 16 07 15 46
07 54 0d 2a 4c 51 19 64 61 13 25 64 70 62 58 2c
38 54 70 52 1a 25 0d 19 31 43 62 2a 54 15 68 0d
15 07 25 51 2c 51 32 19 46 68 15 32 62 15 07 70
51 68 16 43 4a 19 4c 38 32 70 68 54 58 52 54 68
15 13 51 07 34 64 0e 68 07 13 1a 2a 1a 52 1a 13
64 13 70 51 16 31 07 32 38 43 51 31 1a 38 34 0d
31 62 16 0d 15 4c 1a 2c 64 19 54 23 61 70 2c 13
70 2c 2a 26 62 51 46 0b 2a 26 64 52 52 1a 13 52
31 51 52 1a 32 4c 61 46 46 0e 25 62 38 51 0e 25
34 62 2c 1a 31 0e 32 2a 2a 23 38 19 34 38 26 19
38 58 1c 46 1c 70 25 68 07 23 52 07 13 31 25 38
43 26 54 38 51 70 46 25 70 26 68 64 2a 0e 4a 15
23 38 32 52 64 16 2c 2c 54 4a 64 13 2a 43 31 31
32 23 68 23 07 32 58 15 4c 32 46 62 46 64 58 52
1c 16 0e 70 0b 54 25 54 64 64 4c 1a 34 4a 68 0d
61 15 13 0d 32 52 64 2a 54 2c 64 43 68 0d 64 58
68 43 52 16 51 07 70 4a 68 70 68 13 13 25 4a 1c
19 13 64 25 4a 25 62 54 15 0d 68 0e 07 31 0e 16
31 15 68 15 31 38 68 58 2c 52 4c 07 51 13 26 68
61 58 54 23 4a 19 0b 26 52 4a 2a 26 0d 34 46 51
4a 23 34 19 58 64 0e 70 0e 34 34 68 07 16 4a 2a
31 26 07 54 58 07 07 68 43 2c 19 16 31 2a 0d 23
26 62 70 43 0e 23 54 64 23 0b 19 1c 0e 0d 23 4a
58 2c 58 19 0b 31 61 64 1a 4c 19 70 61 52 07 54
25 70 1c 07 54 07 07 68 68 19 0d 1a 07 2a 34 51
4a 54 38 26 2c 46 46 38 26 16 51 25 51 43 64 38
62 43 1a 61 23 0e 2a 1c 0d 13 0e 2a 4c 31 38 16
64 46 23 68 61 32 52 15 64 19 64 54 46 62 54 4a
26 70 1c 07 26 64 58 52 31 15 51 52 61 32 07 4c
16 43 4c 0d 68 68 70 68 2c 1c 62 31 58 43 38 0b
19 <EOM><EOM><EOM>

16112 kHz, 15-10, 1111 UTC, T600

Sync 1414bebe952

Session key: 23 26 61 70 32 13 4c 54 43 25 51 23 61 34 26 54 26 2a 32 0b 46 0b 1c 4a 0e

19 0b 25 15 16 38 07 70 25 1a 34 0b 31 68 23 54
0d 34 4c 0b 2c 0d 4c 16 26 16 64 0d 1c 1c 70 16
23 1c 0e 4c 64 25 34 0b 16 2c 13 31 0b 0d 38 62
07 19 1c 26 4a 61 68 26 0b 0b 68 46 34 25 19 4c
0b 54 0b 32 13 34 25 16 68 46 38 54 70 58 32 23
32 58 61 0d 43 32 0d 1a 16 16 0d 4c 1c 34 54 1c
62 31 1c 46 2a 26 4c 1c 38 0d 32 1a 25 58 61 4c
13 4a 0d 38 4a 0b 70 25 43 1a 2c 32 64 26 0b 64
32 4c 34 13 1c 0e 23 23 32 1c 61 0f 43 0b 0b 61
15 54 62 4a 62 2a 23 54 51 64 16 38 13 1c 58 2c
64 43 13 4a 4a 1a 0d 46 32 0e 4a 62 07 32 15 52
51 23 0b 4c 4c 0e 43 0d 13 13 64 26 23 58 43 25
32 19 51 58 4c 15 52 23 61 34 13 62 62 46 19 58
4c 0d 26 19 13 54 26 34 1a 15 16 07 1c 70 16 26
64 52 2c 19 46 2a 68 31 4c 54 15 54 43 1a 25 46
23 62 2a 38 15 15 25 31 23 62 07 34 4a 2a 2a 16
64 0b 0b 0e 54 4c 43 64 4c 16 51 1c 68 15 54 1c
54 0e 51 1c 2c 1c 54 16 0e 19 64 52 25 25 43 46
58 15 38 2c 46 38 46 0d 58 26 07 0e 51 34 15 07
4a 34 13 31 64 46 4c 31 58 32 64 4c 0d 13 0e 0e
25 58 58 25 23 52 13 1a 70 0e 46 4a 23 64 38 32
1a 46 68 68 0e 31 0b 0e 23 2c 38 62 23 46 32 16
4a 19 70 16 2c 2c 46 70 64 70 2a 43 26 0b 51 25
34 52 43 4a 61 0d 2c 31 16 70 62 19 61 31 2a 34
19 23 2a 4a 54 25 32 2c 61 52 15 61 13 38 31 31
1a 1c 07 54 70 34 26 64 62 26 0b 52 62 4a 52 0e
26 2c 38 58 38 62 13 34 1a 1c 2a 64 2a 1a 07 1a
2c 61 51 61 54 52 0d 0d 34 54 25 38 54 0e 15 31
51 19 70 1c 07 16 2c 0e 51 54 4a 4c 51 51 0b 2c
1a 4c 0e 0e 26 4c 4a 0b 15 16 31 31 43 4c 64 <EOM><EOM><EOM>

16112 kHz, 15-10, 1113 UTC, T600

Sync 1414bebe952

Session key: 1a 34 46 61 70 23 1c 52 23 62 62 19 52 0d 1c 32 07 2a 1a 1c 26 16 19 4c 4c

68 26 26 58 1a 52 0d 0d 46 51 52 68 62 70 62 23
31 52 38 16 38 43 2c 1a 38 51 19 1c 07 52 62 19
13 25 46 0b 54 26 2a 0d 52 2a 52 19 0b 62 2c 68
13 70 52 07 43 32 19 54 2a 34 46 23 25 58 07 68
16 0e 68 16 38 64 43 23 61 32 32 54 54 2a 62 58
70 25 51 43 70 1a 31 25 52 54 31 13 38 51 23 19
13 1a 62 15 70 1a 25 1a 68 51 2c 31 13 4a 4c 1a
15 34 58 26 13 0b 15 16 58 26 32 58 23 62 4c 34
25 62 4a 34 25 38 46 16 58 16 58 0d 46 23 34 1a
52 43 23 4a 16 15 26 1c 0d 64 2c 13 26 15 34 34
32 2a 61 32 2a 70 31 34 2c 38 26 52 46 54 4c 2c
13 0d 19 0e 61 46 1a 61 68 58 1c 38 54 34 0e 4c
15 70 64 38 70 26 51 68 25 62 07 54 23 13 15 0d
32 07 26 32 46 51 25 1a 68 4c 4c 0e 26 62 46 64
25 0d 46 2a 4a 64 43 1a 1a 0d 1a 68 0b 4a 1c 61
62 70 34 38 4c 16 4c 68 54 62 25 38 0b 2a 26 4c
23 19 0d 1c 52 16 64 51 34 61 2a 43 15 64 13 52
70 07 19 0d 64 54 26 1a 52 1a 62 26 16 16 07 46
0b 46 31 13 62 51 4c 0e 31 52 70 58 26 23 34 07
70 07 32 26 38 68 26 68 2a 2c 64 4a 23 61 4c 1c
2c 15 16 1c 38 46 0b 31 32 2a 62 2a 0d 2a 1c 23
51 26 31 31 58 31 0d 64 46 43 61 58 0d 52 0b 62
58 58 23 4a 52 23 34 1c 32 1c 62 34 19 15 34 25
34 0b 4a 34 31 61 0e 4a 26 2c 4a 54 68 52 68 4c
23 61 68 43 2a 61 61 58 1a 68 54 52 15 38 70 0e
52 0d 16 4c 61 0b 25 07 51 0b 43 68 46 23 68 32
25 52 16 0d 1c 2c 19 19 25 07 58 13 70 62 54 1a
1c 4c 51 43 68 64 2c 15 43 43 19 43 2a 34 38 54
0e 62 07 23 31 31 64 1a 46 25 52 61 70 16 0d 0e
46 38 38 16 54 70 51 23 62 1c 4a 4c 38 38 1a 0d
34 62 46 70 1a 19 1a 64 70 4a 43 0e 16 34 26 52
25 25 0d 1c 62 0b 46 31 16 4c 4c 0d 64 26 51 43
70 70 15 58 1c 38 51 1a 58 51 4c 68 1c 0e 46 15
4a 52 0d 16 68 32 54 26 61 23 58 64 34 4a 25 15
32 1c 1a 31 1c 62 13 52 26 38 15 15 31 52 54 2a
26 34 16 2c 31 64 1a 54 2a 0e 61 64 2c 0e 1c 70
13 31 4a 34 51 58 26 16 23 64 62 16 70 62 38 25
26 52 62 26 19 16 26 0e 38 13 15 46 54 31 26 23
52 34 15 13 58 25 38 70 0b 52 25 70 68 61 46 51
25 46 31 26 68 54 46 32 25 0e 31 38 64 0e 4c 4a
15 2a 64 15 46 46 07 34 64 62 46 23 0e 15 23 70
1a 26 4c 1c 4a 51 43 54 51 34 1a 62 68 23 23 32
43 4a 2c 61 51 34 25 0b 54 25 38 46 38 13 23 15
62 61 62 2c 54 61 61 54 38 15 46 4a 31 31 46 32
61 64 25 64 25 0d 43 51 15 58 0d 0d 32 26 31 1c
0d 4c 61 34 31 1a 70 2a 2a 26 07 1a 1c 0b 52 07
34 64 26 4a 31 19 51 58 0b 38 16 2a 1a 70 62 0b
31 0e 16 0e 31 16 23 68 1a 4c 0d 51 25 46 16 38
23 46 34 51 38 4c 54 70 51 19 2a 61 19 0d 2c 0b
43 46 4c 46 52 2a 34 4a 0b 0b 13 70 34 70 70 2c
0d 0b 23 58 16 2a 2a 51 15 15 0b 43 62 4c 43 34
19 62 13 16 23 16 16 2c 70 31 68

<EOM><EOM><EOM>

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	3243	30-10	1735	Fri	Goose 10 count + message	USB	(AB-POL)
---	3243	30-10	1739	Fri	Goose message	USB	(AB-POL)
---	3243	30-10	1742	Fri	Goose message	USB	(AB-POL)
---	3850	6-10	1600	Tue	Baron-78 changed from night freq 3920 kHz to the usual 3850 kHz, cw audible over open mic of Baron. One station sent P1FO DE B8O1. Net checking	USB	(Gwr)
---	3850	9-10	1630	Fri	Baron-78. Pip channel marker heavily audible behind Baron-78 open mic marker	USB	(Gwr)
---	3850	26-10	1543	Mon	S30 CW on 3386 kHz audible through open mic of Baron-78	USB	(Gwr)
---	3850	27-10	1557	Tue	Tros-28 ya Baron-78 Baklan 54066 PARABYeL' 5926 1960	USB	(Gwr)
---	3850	28-10	1548	Wed	Message sent immediately after 18 minute late day/night freq switchover. Tros-28 ya Baron-78 - Baklan - 78452 FAR-COVShchIK 6420 0016	USB	(Gwr)
---	3920	6-10	1600	Tue	Baron-78 changed from night freq 3920 kHz to the usual 3850 kHz, cw audible over open mic of Baron. One station sent P1FO DE B8O1. Net checking	USB	(Gwr)
---	4110	27-10	1229	Tue	Zalit'-52 MOLNIYa 52	USB	(Gwr)
---	4182	30-10	1741	Fri	Dash channel marker	USB	(AB)
---	4310	26-10	1419	Mon	Vozduh Ohvat-98 86257 IMPORTYeR 2160 (Goose)	USB	(Gwr)
---	4310	27-10	1515	Tue	Vozduh Ohvat-98 53172 STRATA 5510 7155 (Goose)	USB	(Gwr)
---	4310	28-10	1559	Wed	Vozduh Ohvat-98 13681 YeZhINA 6511 1737	USB	(Gwr)
---	4310	28-10	1628	Wed	Vozduh Ohvat-98 93135 SOHA 9874 6316	USB	(Gwr)
---	4639	27-10	1502	Tue	Bushlat-11 netchecking - Bushlat-11 sends monolit/vozduh messages addressed to collective callsign "Volnushka-07" and is based in Sevastopol	USB	(Gwr)
---	4735	2-10	0700	Fri	VVVVVVV PROMRO = 0210 = 1000 0540 0280 0720 1080 ... 0800 0480 0230 0640 0960 = AR	CW	(AB-ROU)
---	4735	3-10	0700	Sat	VVV PROMRO = 03 10 = 1000 0280 0290 0720 1090 ... 0800 0480 0240 0640 0970 = AR	CW	(AB-GRC)
---	4735	5-10	0700	Mon	VVVVV PROMRO = 0510 = 1000 0540 0290 0730 1100 ... 0800 0480 0240 0650 0980 = AR	CW	(AB-ROU)
---	4735	6-10	0700	Tue	VVVVV PROMRO = 06 10 = 1000 0540 0280 0730 1100 ... 0800 0480 0230 0650 0980 = AR	CW	(AB-ROU)
---	4735	7-10	0701	Wed	Late start VVVVV PROMRO = 0710 = 1000 0540 0290 0730 1110 ... 0800 0490 0240 0660 1000 = AR	CW	(AB-ROU)
---	4735	8-10	0700	Thu	VVVVV PROMRO = 08 10 = 1000 0540 0290 0740 1120 ... 0800 0490 0240 0660 1000 = AR	CW	(AB-HNG)
---	4735	9-10	0700	Fri	VVV PROMRO = 0910 = 1000 0550 0280 0740 1130 ... 0800 0490 0230 0670 1010 = AR	CW	(AB)
---	4735	10-10	0700	Sat	VVV PROMRO = 10 10 = 1000 0550 0280 0750 1130 ... 0800 0490 0230 0670 0120 = AR	CW	(AB-UKR)
---	4735	11-10	0700	Sun	VVVVV PROMRO = 1110 = 1000 0550 0290 0750 1140 ... 0800 0500 0240 0680 1030 = AR	CW	(AB-ROU)
---	4735	12-10	0700	Mon	VVVVV PROMRO = 12 10 = 1000 0550 0280 0750 1150 ... 0800 0500 0230 0680 1040 = AR	CW	(AB-ROU)
---	4735	13-10	0700	Tue	VVVVV PROMRO = 13 10 = 1000 0560 0290 0760 1160 ... 0800 0500 0240 0690 1040 = AR	CW	(AB-ROU)
---	4735	14-10	0700	Wed	VVVVV PROMRO = 14 10 = 1000 0560 0290 0770 1170 ... 0800 0500 0240 0690 1050 = AR	CW	(AB-ROU)
---	4735	15-10	0700	Thu	VVV PROMRO = 15 10 = 1000 0560 0280 0770 1170 ... 0800 0500 0230 0690 1060 = AR	CW	(AB-ROU)
---	4735	16-10	0700	Fri	VVVVVVVVV PROMRO - 1610 = 1000 0560 0280 0770 1180 ... 0800 0560 0280 0700 1070 = AR	CW	(AB-ROU)
---	4735	17-10	0700	Sat	Tests at 0700, 0706, 0710 UTC but no message was sent	CW	(AB-ROU)
---	4735	18-10	0700	Sun	VVV VVV PROMRO = 18 10 = 1000 0570 0290 0780 1200 ... 0800 0520 0240 0710 1090 = AR	CW	(AB-GRC)
---	4735	19-10	0707	Mon	Late start VVVVV PROMRÍ = 1910 = 1000 0580 0290 0790 1210 ... 0800 0520 0240 0720 1100 = AR	CW	(AB-GRC)
---	4735	21-10	0701	Wed	VVVVV PROMRO = 21 10 = 1000 0590 0270 0810 1230 ... 0800 0530 0230 0740 1130 = AR	CW	(AB-ROU)
---	4735	22-10	0700	Thu	VVVVV PROMRO = 22 10 = 1000 0590 0290 0810 1230 ... 0800 0540 0240 0740 1130 = AR	CW	(AB-ROU)
---	4735	23-10	0700	Fri	VVVVV PROMRO = 2310 = 1000 0590 0290 0810 1230 ... 0800 0540 0240 0740 1130 = AR	CW	(AB-ROU)
---	4735	23-10	0801	Fri	VVVVV PROMRO = = 30 10 = 1000 0610 0270 0820 1250 ... 0800 0560 0220 0760 1150 = AR	CW	(AB-ROU)
---	4735	25-10	0800	Sun	VVVVV PROMRO = 2510 = 1000 0630 0270 0840 1270 ... 0800 0550 0220 0750 1140 = AR	CW	(AB-ROU)
---	4735	26-10	0800	Mon	VVVVV PROMRO = 26 10 = 1000 0600 0280 0820 1240 ... 0800 0550 0230 0750 1140 = AR	CW	(AB-ROU)

---	4735	27-10	0802	Tue	Late start VVVVV PROMRO = = 27 10 = 1000 0600 0280 0820 1240 ... 0800 0550 0230 0750 1150 = AR	CW	(AB-ROU)
---	4735	28-10	0700	Wed	VVVVV PROMRO 2810 = 1000 0600 0270 0820 1240 ... 0800 0550 0220 0760 1150 = AR	CW	(AB-ROU)
---	4735	29-10	0800	Thu	VVVVV PROMRO = 2910 = 1000 0610 0280 0820 1250 ... 0800 0560 0230 0760 1150 = AR	CW	(AB-ROU)
---	4735	31-10	0806	Sat	Late start VVVVV PROMRO = 3110 = 1000 0600 0270 0810 1240 ... 0800 0550 0220 0760 1150 = AR	CW	(AB-ROU)
---	4770	30-10	1722	Fri	Alarm channel marker	USB	(AB)
---	4940	5-10	1309	Mon	Baron-78 monolit as part of command chain (tuned to late to transcribe)	USB	(Gwr)
---	4940	5-10	1408	Mon	Tros-28 ya Baron-78, proverka svyazi, priyom	USB	(Gwr)
---	4940	5-10	1409	Mon	Tros-28 ya Baron-78 vozduh Baklan - 25220 TRYeZUBKA 8417 3410	USB	(Gwr)
---	4940	7-10	0937	Wed	Baron-78 Baklan, too weak to transcribe	USB	(Gwr)
---	4940	7-10	1005	Wed	Tros-28 ya Baron-78 - Vozduh Baklan - HLADOSRAM 168	USB	(Gwr)
---	4940	7-10	1028	Wed	Tros-28 ya Baron-78 - Vozduh Baklan - 37093 BYeLANDYe 7216 1050	USB	(Gwr)
---	4940	7-10	1510	Wed	Baron-78 open mic (as always) with audible 5fig radiogram in background. This radiogram was taking place on 4855cw and is simplex.	USB	(Gwr)
---	4940	14-10	1218	Wed	Tros-28 ya Baron-78 Baklan 93638 MYeGIBAL 6394 7133	USB	(Gwr)
---	4940	19-10	1047	Mon	Baron-78 86319 CIBULYa 3446 3967	USB	(Gwr)
---	4940	22-10	0831	Thu	Tros-28 ya Baron-78; Baklan - 13428 NYePRUDA 4645 2633	USB	(Gwr)
---	4940	26-10	1233	Mon	Tros-28 ya Baron-78 Baklan 75280 BOROZDORYeZ 6329 5465 - asks for signal report (a poluchenie signal dolozhit')	USB	(Gwr)
---	5045	27-10	1415	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu: SIGNAL 4832	USB	(Gwr)
---	5045	28-10	1415	Wed	Tsaplya, Tsaplya ya Znamya primite radiogrammov - SIGNAL 4832	USB	(Gwr)
---	5372	1-10	1400	Thu	N'ZhJ 38613 MARSORYeJ 9987 5512	USB	(Gwr)
---	5372	5-10	1310	Mon	N'ZhJ 33752 VKLYeIVANIYe 1119 7632	USB	(Gwr)
---	5372	7-10	1020	Wed	N'ZhJ 20535 V'YuNOLAJM 3321 6520	USB	(Gwr)
---	5372	7-10	1021	Wed	Eshche Vozduh Vega N'ZhJ 03754 NYeUChOHRYuK 9011 8834	USB	(Gwr)
---	5372	7-10	1022	Wed	Eshche Vozduh Vega N'ZhJ HLADOSRAM 168	USB	(Gwr)
---	5372	7-10	1039	Wed	N'ZhJ 41899 BLYuZ 6688 1145	USB	(Gwr)
---	5372	14-10	1234	Wed	N'ZhJ 28447 GNYeVOSTAN 0433 1692	USB	(Gwr)
---	5372	15-10	1430	Thu	N'ZhJ SBYTOSYeV 212 ChYeSTNOST' 251	USB	(Gwr)
---	5372	16-10	0945	Fri	N'ZhJ SBYTOSYeV 112 ChYeSTNOST' 151 YaLOHOR 109	USB	(Gwr)
---	5372	16-10	1333	Fri	Operator reads the morning start version of the message and correcting to evening close version N'ZhJ SBYTOSYeV 212 ChYeSTNOST' 251 YaLOHOR 209	USB	(Gwr)
---	5372	19-10	1003	Mon	New format from Vega: N'ZhJ 8885 4878 0206 4456 0045 8311 2697 0652 1779 5332 063	USB	(Gwr)
---	5372	19-10	1117	Mon	N'ZhJ 48252 NARKOLOG 6631 8649	USB	(Gwr)
---	5372	19-10	1210	Mon	N'ZhJ SBYTOSYeV 112 ChYeSTNOST' 151 (Baron-78 isn't getting involved in these Uzor messages recently)	USB	(Gwr)
---	5372	21-10	0935	Wed	N'ZhJ SBYTOSYeV 112	USB	(Gwr)
---	5372	21-10	1314	Wed	N'ZhJ SBYTOSYeV 212	USB	(Gwr)
---	5372	21-10	1315	Wed	N'ZhJ 10393 DYeKOSHISh 7539 9867	USB	(Gwr)
---	5372	21-10	1451	Wed	N'ZhJ 26972 OZhOGOVNUK 3230 2983	USB	(Gwr)
---	5372	22-10	0848	Thu	N'ZhJ 06735 NAPOL'NYJ 7854 0355	USB	(Gwr)
---	5372	23-10	1236	Fri	N'ZhJ SBYTOSYeV 212 ChYeSTNOST' 251	USB	(Gwr)
---	5372	26-10	1244	Mon	N'ZhJ 01423 KRYuKOTIRS 7505 0628	USB	(Gwr)
---	5448	2-10	1409	Fri	8S1Shch DOLGOFRIZ 4566	USB	(Gwr)
---	5473	2-10	1446	Fri	N'ZhJZAKAT 4321 DOLGOFRIZ 4566	USB	(Gwr)
---	7055	7-10	1055	Wed	Russian-Ukrainian radio war. Messages in Russian and English	LSB	(AB)
----	11530	21-10	0725	Wed	Radio DengÚ Walat heavily jammed by Turkye. Program in Kurdish	AM	(AB)
DPRK	6414	13-10	1010	Tue	North Korean diplo i.p.	DPK-ARQ 600 LSB	(AB)
DPRK	10155	16-10	0838	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	10155	23-10	0830	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)

DPRK	10500	15-10	0834	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	10555	15-10	0834	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12105	1-10	0737	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12105	3-10	1342	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12105	5-10	0631	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12105	5-10	1349	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12105	12-10	1333	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12105	19-10	1334	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	1-10	0737	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	13-10	0702	Tue	North Korean diplo i.p.	DPK-ARQ 600 LSB	(AB)
DPRK	12208	8-10	1211	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12208	13-10	0702	Tue	North Korean diplo i.p.	DPK-ARQ 600 LSB	(AB)
DPRK	12223	1-10	0737	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12223	8-10	0738	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12223	8-10	1215	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12560	2-10	0805	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12850	3-10	1310	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12980	2-10	0804	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12980	3-10	1310	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13420	3-10	1313	Sat	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	14415	8-10	0741	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	15003	15-10	1350	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
E06	5186	1-10	2030	Thu	891 273 44 11532 37595 68553 ... 78203 80329 38780 273 44 00000 Windows XP shutdown sound	USB	(AB)
E06	5186	15-10	2030	Thu	891 591 42 25816 88451 24578 ... 02017 79702 66507 591 42 00000	USB	(AB)
E06	5197	16-10	2130	Fri	634 591 42 25816 88451 24578 ... 02017 79702 66507 591 42 00000	USB	(AB)
E06	13536	15-10	0400	Thu	361 479 38 79761 15543 58979 ... 99233 86379 41747 479 38 00000	USB	(AB-J)
E06	13545	16-10	0400	Fri	361 479 38 79761 15543 58979 ... 99233 86379 41747 479 38 00000	USB	(AB-J)
E06	16219	29-10	0309	Thu	i.p. too weak to copy	USB	(HFD-PHL)
E06	18425	1-10	0600	Thu	186 347 52 26637 82482 72798 ... 65394 66673 48632 347 52 00000	USB	(AB-RUS)
E06	18425	2-10	0600	Fri	186 347 52 26637 82482 72798 ... 65394 66673 48632 347 52 00000	USB	(AB-RUS)
E06	18425	15-10	0600	Thu	186 293 50 68781 41930 32368 ... 17720 94377 02681 293 50 00000	USB	(AB-RUS/HFD-CHN)
E06	18425	16-10	0600	Fri	186 293 50 68781 41930 32368 ... 17720 94377 02681 293 50 00000	USB	(AB-RUS)
E06	20230	1-10	0700	Thu	186 347 52 26637 82482 72798 ... 65394 66673 48632 347 52 00000	USB	(AB-RUS)
E06	20230	2-10	0700	Fri	186 347 52 26637 82482 72798 ... 65394 66673 48632 347 52 00000	USB	(AB-RUS)
E06	20235	15-10	0700	Thu	186 293 50 68781 41930 32368 ... 17720 94377 02681 293 50 00000	USB	(AB-RUS/HFD-USA)
E06	20235	16-10	0700	Fri	186 293 50 68781 41930 32368 ... 17720 94377 02681 293 50 00000	USB	(AB-RUS)
E07	8139	12-10	1940	Mon	511 511 511 1 444 68 444 68 47373 74839 05558 ... 36922 67971 61506 000 000	USB	(AB/RL)
E07	8139	14-10	1940	Wed	511 511 511 1 444 68 444 68 47373 74839 05558 ... 36922 67971 61506 000 000	USB	(AB/RL)
E07	9356	4-10	1720	Sun	130 130 130 000	USB	(AB/MPJ)
E07	9356	7-10	1720	Wed	130 130 130 000	USB	(AB/HFD)
E07	9356	11-10	1720	Sun	130 130 130 000	USB	(AB/GHn)
E07	9356	14-10	1720	Wed	130 130 130 000	USB	(AB)
E07	9356	18-10	1720	Sun	130 130 130 000	USB	(AB)
E07	9356	21-10	1720	Wed	130 130 130 000	USB	(AB)
E07	9356	25-10	1720	Sun	130 130 130 000	USB	(AB)
E07	9356	28-10	1720	Wed	130 130 130 000	USB	(AB/MPJ)
E07	10139	5-10	1920	Mon	511 511 511 000	USB	(AB/RL/HFD)

E07	10139	7-10	1920	Wed	511 511 511 000	USB	(AB/RL)
E07	10139	12-10	1920	Mon	511 511 511 1 444 68 444 68 47373 74839 05558 ... 36922 67971 61506 000 000	USB	(AB/RL)
E07	10139	14-10	1920	Wed	511 511 511 1 444 68 444 68 47373 74839 05558 ... 36922 67971 61506 000 000	USB	(AB/RL/Dan)
E07	10139	19-10	1920	Mon	511 511 511 000	USB	(AB/RL)
E07	10139	21-10	1920	Wed	511 511 511 000	USB	(AB)
E07	10139	26-10	1920	Mon	511 511 511 000	USB	(AB/MPJ/RL)
E07	10139	28-10	1920	Wed	511 511 511 000	USB	(AB/RL)
E07	10317	4-10	0600	Sun	312 312 312 000	USB	(AB)
E07	10317	11-10	0600	Sun	312 312 312 000	USB	(AB)
E07	10317	18-10	0600	Sun	312 312 312 000	USB	(AB)
E07	10317	25-10	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	4-10	0620	Sun	312 312 312 000	USB	(AB)
E07	11117	11-10	0620	Sun	312 312 312 000	USB	(AB)
E07	11117	18-10	0620	Sun	312 312 312 000	USB	(AB)
E07	11117	25-10	0620	Sun	312 312 312 000	USB	(AB)
E07	11156	4-10	1700	Sun	130 130 130 000	USB	(AB/MPJ)
E07	11156	7-10	1700	Wed	130 130 130 000	USB	(AB/HFD)
E07	11156	11-10	1700	Sun	130 130 130 000	USB	(AB)
E07	11156	14-10	1700	Wed	130 130 130 000	USB	(AB)
E07	11156	18-10	1700	Sun	130 130 130 000	USB	(AB)
E07	11156	21-10	1700	Wed	130 130 130 000	USB	(AB)
E07	11156	25-10	1700	Sun	130 130 130 000	USB	(AB)
E07	11156	28-10	1700	Wed	130 130 130 000	USB	(AB/GHn/MPJ)
E07	11539	5-10	1900	Mon	511 511 511 000	USB	(AB/RL/HFD)
E07	11539	7-10	1900	Wed	511 511 511 000	USB	(AB/RL)
E07	11539	12-10	1900	Mon	511 511 511 1 444 68 444 68 47373 74839 05558 ... 36922 67971 61506 000 000	USB	(AB/Dan/RL)
E07	11539	14-10	1900	Wed	511 511 511 1 444 68 444 68 47373 74839 05558 ... 36922 67971 61506 000 000	USB	(AB/RL)
E07	11539	19-10	1900	Mon	511 511 511 000	USB	(AB)
E07	11539	21-10	1900	Wed	511 511 511 000	USB	(AB/RL)
E07	11539	26-10	1900	Mon	511 511 511 000	USB	(AB/MPJ/RL)
E07	11539	28-10	1900	Wed	511 511 511 000	USB	(AB-RUS)
E07	11576	3-10	1320	Sat	152 152 152 000	USB	(AB)
E07	11576	10-10	1320	Sat	152 152 152 000	USB	(AB/HFD)
E07	11576	17-10	1320	Sat	152 152 152 000	USB	(AB)
E07	11576	24-10	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	31-10	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	12176	3-10	1300	Sat	152 152 152 000	USB	(AB)
E07	12176	10-10	1300	Sat	152 152 152 000	USB	(AB/HFD)
E07	12176	17-10	1300	Sat	152 152 152 000	USB	(AB)
E07	12176	24-10	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	12176	31-10	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	13449	22-10	1450	Thu	746 746 746 1 318 58 318 58 42543 19433 73867 ... 30315 51016 24498 000 000	USB	(AB/MPJ)
E07	13449	24-10	1450	Sat	746 746 746 1 318 58 318 58 42543 19433 73867 ... 30315 51016 24498 000 000	USB	(AB/MPJ)
E07	13971	2-10	1140	Fri	489 489 489 1 7519 73 7519 73 84432 57216 38997 ... 88375 43284 29280 000 000	USB	(AB-RUS)
E07	14849	1-10	1430	Thu	746 746 746 000	USB	(AB/MPJ/HFD)
E07	14849	3-10	1430	Sat	746 746 746 000	USB	(AB/MPJ)
E07	14849	8-10	1430	Thu	746 746 746 000	USB	(AB/MPJ)

E07	14849	10-10	1430	Sat	746 746 746 000	USB	(AB/MPJ/RL-HOL)
E07	14849	15-10	1430	Thu	746 746 746 000	USB	(AB/MPJ)
E07	14849	17-10	1430	Sat	746 746 746 000	USB	(AB/MPJ)
E07	14849	22-10	1430	Thu	746 746 746 1 318 58 318 58 42543 19433 73867 ... 30315 51016 24498 000 000	USB	(AB/MPJ)
E07	14849	24-10	1430	Sat	746 746 746 1 318 58 318 58 42543 19433 73867 ... 30315 51016 24498 000 000	USB	(AB-RUS/MPJ)
E07	14849	29-10	1430	Thu	746 746 746 000	USB	(AB/MPJ)
E07	14849	31-10	1430	Sat	746 746 746 000	USB	(AB/MPJ)
E07	15849	1-10	1410	Thu	746 746 746 000	USB	(AB/MPJ/HFD)
E07	15849	3-10	1410	Sat	746 746 746 000	USB	(AB/MPJ)
E07	15849	8-10	1410	Thu	746 746 746 000	USB	(AB/MPJ)
E07	15849	10-10	1410	Sat	746 746 746 000	USB	(AB/MPJ)
E07	15849	15-10	1410	Thu	746 746 746 000	USB	(AB/MPJ)
E07	15849	17-10	1410	Sat	746 746 746 000	USB	(AB/MPJ)
E07	15849	22-10	1410	Thu	746 746 746 1 318 58 318 58 42543 19433 73867 ... 30315 51016 24498 000 000	USB	(AB/MPJ)
E07	15849	24-10	1410	Sat	746 746 746 1 318 58 318 58 42543 19433 73867 ... 30315 51016 24498 000 000	USB	(AB-RUS/MPJ)
E07	15849	29-10	1410	Thu	746 746 746 000	USB	(AB/MPJ)
E07	15849	31-10	1410	Sat	746 746 746 000	USB	(AB/MPJ)
E07	15871	2-10	1120	Fri	489 489 489 1 7519 73 7519 73 84432 57216 38997 ... 88375 43284 29280 000 000	USB	(AB-RUS)
E07	15871	6-10	1120	Tue	489 489 489 000	USB	(AB/MPJ/RL-HOL/HFD)
E07	15871	9-10	1120	Fri	489 489 489 000	USB	(AB)
E07	15962	2-10	0700	Fri	945 945 945 000	USB	(AB-RUS)
E07	15962	6-10	0700	Tue	945 945 945 1 6061 130 6061 130 26105 74428 66976 ... 54904 10561 49669 000 000	USB	(AB-POL)
E07	15962	9-10	0700	Fri	945 945 945 1 6061 130 6061 130 26105 74428 66976 ... 54904 10561 49669 000 000	USB	(AB)
E07	15962	13-10	0700	Tue	945 945 945 000	USB	(AB)
E07	15962	16-10	0700	Fri	945 945 945 000	USB	(AB)
E07	15962	20-10	0700	Tue	945 945 945 1 7193 149 7193 149 73740 55581 53318 ... 61236 12655 50021 000 000	USB	(AB)
E07	15962	23-10	0700	Fri	945 945 945 1 7193 149 7193 149 73740 55581 53318 ... 61236 12655 50021 000 000	USB	(AB)
E07	15962	27-10	0700	Tue	945 945 945 000	USB	(AB)
E07	15962	30-10	0700	Fri	945 945 945 000	USB	(AB)
E07	17462	2-10	0720	Fri	945 945 945 000	USB	(AB-RUS)
E07	17462	6-10	0720	Tue	945 945 945 1 6061 130 6061 130 26105 74428 66976 ... 54904 10561 49669 000 000	USB	(AB-RUS)
E07	17462	9-10	0720	Fri	945 945 945 1 6061 130 6061 130 26105 74428 66976 ... 54904 10561 49669 000 000	USB	(AB-RUS)
E07	17462	13-10	0720	Tue	945 945 945 000	USB	(AB)
E07	17462	16-10	0720	Fri	945 945 945 000	USB	(AB)
E07	17462	20-10	0720	Tue	945 945 945 1 7193 149 7193 149 73740 55581 53318 ... 61236 12655 50021 000 000	USB	(AB)
E07	17462	23-10	0720	Fri	945 945 945 1 7193 149 7193 149 73740 55581 53318 ... 61236 12655 50021 000 000	USB	(AB)
E07	17462	27-10	0720	Tue	945 945 945 000	USB	(AB)
E07	17462	30-10	0720	Fri	945 945 945 000	USB	(AB)
E07	17471	2-10	1100	Fri	489 489 489 1 7519 73 7519 73 84432 57216 38997 ... 88375 43284 29280 000 000	USB	(AB-RUS)
E07	17471	6-10	1100	Tue	489 489 489 000	USB	(AB/MPJ/RL-HOL/HFD)
E07	17471	9-10	1100	Fri	489 489 489 000	USB	(AB)
E07	18542	6-10	0740	Tue	945 945 945 1 6061 130 6061 130 26105 74428 66976 ... 54904 10561 49669 000 000	USB	(AB-RUS)
E07	18542	9-10	0740	Fri	945 945 945 1 6061 130 6061 130 26105 74428 66976 ... 54904 10561 49669 000 000	USB	(AB-RUS)
E07	18542	20-10	0740	Tue	945 945 945 1 7193 149 7193 149 73740 55581 53318 ... 61236 12655 50021 000 000	USB	(AB)
E07	18542	23-10	0740	Fri	945 945 945 1 7193 149 7193 149 73740 55581 53318 ... 61236 12655 50021 000 000	USB	(AB)

E07a	6788	1-10	0430	Thu	741 741 741 1 13026 7330 87 7330 87 12681 60104 27598 ... 92895 38575 83015 000 000	USB	(AB)
E07a	6788	8-10	0430	Thu	741 741 741 000	USB	(AB)
E07a	6788	15-10	0430	Thu	741 741 741 000	USB	(AB/HFD)
E07a	6788	22-10	0430	Thu	741 741 741 000	USB	(AB)
E07a	6788	29-10	0430	Thu	741 741 741 000	USB	(AB)
E07a	6944	7-10	2020	Wed	197 197 197 000	USB	(AB/RL/HFD)
E07a	6944	14-10	2020	Wed	197 197 197 000	USB	(AB)
E07a	6944	21-10	2020	Wed	197 197 197 000	USB	(AB)
E07a	6944	28-10	2020	Wed	197 197 197 000	USB	(AB/RL)
E07a	7488	1-10	0450	Thu	741 741 741 1 13026 7330 87 7330 87 12681 60104 27598 ... 92895 38575 83015 000 000	USB	(AB)
E07a	7488	8-10	0450	Thu	741 741 741 000	USB	(AB)
E07a	7488	15-10	0450	Thu	741 741 741 000	USB	(AB/HFD)
E07a	7488	22-10	0450	Thu	741 741 741 000	USB	(AB)
E07a	7488	29-10	0450	Thu	741 741 741 000	USB	(AB)
E07a	8124	30-10	1550	Fri	411 411 411 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB/MPJ)
E07a	8144	7-10	2000	Wed	197 197 197 000	USB	(AB/RL/HFD)
E07a	8144	14-10	2000	Wed	197 197 197 000	USB	(AB/RL)
E07a	8144	21-10	2000	Wed	197 197 197 000	USB	(AB/RL)
E07a	8144	28-10	2000	Wed	197 197 197 000	USB	(AB/RL)
E07a	8188	1-10	0510	Thu	741 741 741 1 13026 7330 87 7330 87 12681 60104 27598 ... 92895 38575 83015 000 000	USB	(AB)
E07a	10124	2-10	1530	Fri	411 411 411 000	USB	(AB/MPJ)
E07a	10124	9-10	1530	Fri	411 411 411 000	USB	(AB/HFD)
E07a	10124	16-10	1530	Fri	411 411 411 000	USB	(AB/MPJ)
E07a	10124	23-10	1530	Fri	411 411 411 000	USB	(AB/MPJ)
E07a	10124	30-10	1530	Fri	411 411 411 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB/GHn/MPJ)
E07a	11424	2-10	1510	Fri	411 411 411 000	USB	(AB/MPJ)
E07a	11424	9-10	1510	Fri	411 411 411 000	USB	(AB/GHn/HFD)
E07a	11424	16-10	1510	Fri	411 411 411 000	USB	(AB/MPJ)
E07a	11424	23-10	1510	Fri	411 411 411 000	USB	(AB/MPJ)
E07a	11424	30-10	1510	Fri	411 411 411 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB/MPJ)
E07a	11484	3-10	0800	Sat	413 413 413 000	USB	(AB)
E07a	11484	10-10	0800	Sat	413 413 413 000	USB	(AB/HFD)
E07a	11484	17-10	0800	Sat	413 413 413 000	USB	(AB)
E07a	11484	24-10	0800	Sat	413 413 413 000	USB	(AB)
E07a	11484	31-10	0800	Sat	413 413 413 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB)
E07a	12184	3-10	0820	Sat	413 413 413 000	USB	(AB)
E07a	12184	10-10	0820	Sat	413 413 413 000	USB	(AB/HFD)
E07a	12184	17-10	0820	Sat	413 413 413 000	USB	(AB)
E07a	12184	24-10	0820	Sat	413 413 413 000	USB	(AB)
E07a	12184	31-10	0820	Sat	413 413 413 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB)
E07a	13384	31-10	0840	Sat	413 413 413 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB)
E11	4181	3-10	1705	Sat	392/00	USB	(AB)
E11	4181	7-10	1705	Wed	396/00	USB	(AB)
E11	4181	10-10	1705	Sat	390/00	USB	(AB/MPJ)
E11	4181	14-10	1705	Wed	391/00	USB	(AB/MPJ)
E11	4181	17-10	1705	Sat	391/00	USB	(AB/MPJ)
E11	4181	24-10	1705	Sat	397/00	USB	(AB)

E11	4181	28-10	1705	Wed	390/00		USB	(AB/GHn/MPJ)
E11	4181	31-10	1705	Sat	393/00		USB	(AB/GHn/MPJ)
E11	4505	4-10	1930	Sun	367/00		USB	(AB/GHn)
E11	4505	10-10	1930	Sat	360/00		USB	(AB)
E11	4505	11-10	1930	Sun	368/00		USB	(AB)
E11	4505	25-10	1930	Sun	369/00		USB	(AB)
E11	4505	31-10	1930	Sat	363/00		USB	(AB)
E11	5082	4-10	1605	Sun	233/00		USB	(AB/MPJ)
E11	5082	13-10	1605	Tue	238/00		USB	(AB/MPJ)
E11	5082	18-10	1605	Sun	231/00		USB	(AB/MPJ)
E11	5082	20-10	1605	Tue	231/00		USB	(MPJ)
E11	5082	25-10	1605	Sun	238/00		USB	(AB/MPJ)
E11	5082	27-10	1605	Tue	238/00		USB	(AB)
E11	5371	3-10	0805	Sat	319/00		USB	(AB)
E11	5371	4-10	0805	Sun	313/00		USB	(AB)
E11	5371	5-10	0450	Mon	410/00		USB	(AB)
E11	5371	12-10	0450	Mon	410/00		USB	(AB)
E11	5371	17-10	0805	Sat	312/00		USB	(AB)
E11	5371	18-10	0805	Sun	310/00		USB	(AB)
E11	5371	19-10	0450	Mon	412/00		USB	(AB)
E11	5371	24-10	0805	Sat	319/00		USB	(AB)
E11	5371	25-10	0805	Sun	313/00		USB	(AB)
E11	5371	31-10	0805	Sat	312/00		USB	(AB)
E11	5737	2-10	1530	Fri	524/00		USB	(AB/MPJ)
E11	5737	5-10	1530	Mon	528/00		USB	(AB/MPJ)
E11	5737	9-10	1530	Fri	525/00		USB	(AB/MPJ)
E11	5737	12-10	1530	Mon	520/00		USB	(AB/MPJ)
E11	5737	16-10	1530	Fri	521/00		USB	(AB/MPJ)
E11	5737	19-10	1530	Mon	528/00		USB	(AB/GHn/MPJ)
E11	5737	23-10	1530	Fri	520/00		USB	(AB)
E11	5779	2-10	0435	Fri	352/00		USB	(AB)
E11	5779	16-10	0435	Fri	355/00		USB	(AB)
E11	5779	23-10	0435	Fri	352/00		USB	(AB)
E11	5779	25-10	0435	Sun	351/00		USB	(AB)
E11	5779	30-10	0435	Fri	353/00		USB	(AB/HFD)
E11	5941	1-10	0820	Thu	438/00		USB	(AB)
E11	5941	2-10	0820	Fri	439/00		USB	(AB)
E11	5941	15-10	0820	Thu	430/00		USB	(AB)
E11	5941	16-10	0820	Fri	435/00		USB	(AB)
E11	5941	22-10	0820	Thu	432/00		USB	(AB)
E11	5941	23-10	0820	Fri	439/00		USB	(AB)
E11	5941	29-10	0820	Thu	436/00		USB	(AB)
E11	5941	30-10	0820	Fri	432/00		USB	(AB)
E11	6923	4-10	1625	Sun	977/00		USB	(AB/MPJ)
E11	6923	6-10	1205	Tue	462/00		USB	(AB)
E11	6923	7-10	1205	Wed	469/00		USB	(AB)
E11	6923	13-10	1205	Tue	469/00		USB	(AB)

E11	6923	14-10	1205	Wed	461/00	USB	(AB/MPJ)
E11	6923	14-10	1625	Wed	978/00	USB	(AB/MPJ)
E11	6923	18-10	1625	Sun	972/00	USB	(AB/MPJ)
E11	6923	20-10	1205	Tue	465/00	USB	(AB/MPJ)
E11	6923	21-10	1205	Wed	466/00	USB	(AB)
E11	6923	21-10	1625	Wed	975/00	USB	(AB/MPJ)
E11	6923	25-10	1625	Sun	974/00	USB	(AB/MPJ)
E11	6923	28-10	1625	Wed	976/00	USB	(AB/GHn/MPJ)
E11	6940	1-10	0930	Thu	278/00	USB	(AB)
E11	6940	7-10	0930	Wed	271/00	USB	(AB)
E11	6940	8-10	0930	Thu	270/00	USB	(AB)
E11	6940	21-10	0930	Wed	270/00	USB	(AB)
E11	6940	22-10	0930	Thu	270/00	USB	(AB)
E11	6940	28-10	0930	Wed	277/00	USB	(AB)
E11	6940	29-10	0930	Thu	271/00	USB	(AB)
E11	7317	1-10	1900	Thu	648/00	USB	(AB)
E11	7317	2-10	1000	Fri	309/00	USB	(AB/MPJ)
E11	7317	5-10	1045	Mon	694/00	USB	(AB/MPJ)
E11	7317	6-10	1000	Tue	307/00	USB	(AB/RL-HOL)
E11	7317	7-10	1045	Wed	698/00	USB	(AB)
E11	7317	9-10	1000	Fri	300/00	USB	(AB/MPJ)
E11	7317	12-10	1045	Mon	694/00	USB	(AB/MPJ)
E11	7317	12-10	1900	Mon	644/00	USB	(AB)
E11	7317	13-10	1000	Tue	307/00	USB	(AB)
E11	7317	14-10	1045	Wed	692/00	USB	(AB/MPJ)
E11	7317	15-10	1900	Thu	640/00	USB	(AB)
E11	7317	16-10	1000	Fri	307/00	USB	(AB)
E11	7317	19-10	1900	Mon	647/00	USB	(AB)
E11	7317	20-10	1000	Tue	309/00	USB	(AB/MPJ)
E11	7317	22-10	1900	Thu	641/00	USB	(AB)
E11	7317	23-10	1000	Fri	308/00	USB	(AB)
E11	7317	26-10	1045	Mon	691/00	USB	(AB)
E11	7317	26-10	1900	Mon	640/00	USB	(AB/MPJ)
E11	7317	28-10	1045	Wed	690/00	USB	(AB)
E11	7317	29-10	1900	Thu	649/00	USB	(AB)
E11	7850	28-10	0315	Wed	255/00	USB	(HFD)
E11	7850	29-10	0315	Thu	256/00	USB	(AB)
E11	7864	1-10	1730	Thu	411/00	USB	(AB)
E11	7864	8-10	1730	Thu	416/00	USB	(AB)
E11	7864	15-10	1730	Thu	413/00	USB	(AB-POL)
E11	7864	22-10	1730	Thu	414/00	USB	(AB)
E11	8102	3-10	0710	Sat	497/00	USB	(AB)
E11	8102	4-10	0710	Sun	491/00	USB	(AB)
E11	8102	10-10	0710	Sat	490/00	USB	(AB)
E11	8102	11-10	0710	Sun	496/00	USB	(AB)
E11	8102	24-10	0710	Sat	492/00	USB	(AB)
E11	8102	25-10	0710	Sun	498/00	USB	(AB)

E11	8102	31-10	0710	Sat	490/00		USB	(AB)
E11	8180	2-10	0700	Fri	571/00		USB	(AB)
E11	8180	6-10	0700	Tue	576/00		USB	(AB)
E11	8180	9-10	0700	Fri	574/00		USB	(AB)
E11	8180	12-10	0900	Mon	532/00		USB	(AB)
E11	8180	13-10	0700	Tue	579/00		USB	(AB)
E11	8180	14-10	0900	Wed	538/00		USB	(AB)
E11	8180	16-10	0700	Fri	574/00		USB	(AB)
E11	8180	19-10	0900	Mon	535/00		USB	(AB)
E11	8180	20-10	0700	Tue	579/00		USB	(AB)
E11	8180	21-10	0900	Wed	533/00		USB	(AB)
E11	8180	23-10	0700	Fri	571/00		USB	(AB)
E11	8180	26-10	0900	Mon	533/00		USB	(AB)
E11	8180	28-10	0900	Wed	536/00		USB	(AB)
E11	8530	2-10	1910	Fri	618/00		USB	(AB)
E11	8530	4-10	1910	Sun	617/00		USB	(AB/GHn)
E11	8530	9-10	1910	Fri	613/00		USB	(AB)
E11	8530	11-10	1910	Sun	610/00		USB	(AB)
E11	8530	16-10	1910	Fri	612/00		USB	(AB)
E11	8530	18-10	1910	Sun	616/00		USB	(AB/GHn)
E11	8530	30-10	1910	Fri	610/00		USB	(MPJ)
E11	9963	2-10	0715	Fri	633/00		USB	(AB)
E11	9963	6-10	0715	Tue	635/00		USB	(AB)
E11	9963	9-10	0715	Fri	637/00		USB	(AB)
E11	9963	13-10	0715	Tue	631/00		USB	(AB)
E11	9963	16-10	0715	Fri	635/00		USB	(AB)
E11	9963	27-10	0715	Tue	639/00		USB	(AB)
E11	9963	30-10	0715	Fri	634/00		USB	(AB)
E11	10213	5-10	0745	Mon	261/00		USB	(AB)
E11	10213	12-10	0745	Mon	261/00		USB	(AB)
E11	10213	19-10	0745	Mon	262/00		USB	(AB)
E11	10330	1-10	1530	Thu	261/00		USB	(AB/MPJ)
E11	10330	8-10	1530	Thu	264/00		USB	(AB/RL-HOL)
E11	10330	15-10	1530	Thu	261/00		USB	(AB/GHn/MPJ)
E11	10330	22-10	1530	Thu	266/00		USB	(AB)
E11	10800	1-10	0645	Thu	519/00		USB	(AB)
E11	10800	13-10	0645	Tue	514/00		USB	(AB)
E11	10800	15-10	0645	Thu	519/00		USB	(AB)
E11	10800	20-10	0645	Tue	510/00		USB	(AnEur)
E11	10800	22-10	0645	Thu	510/00		USB	(AB)
E11	10800	27-10	0645	Tue	519/00		USB	(AB)
E11	10800	29-10	0645	Thu	518/00		USB	(AB)
E11	11116	2-10	1650	Fri	925/00		USB	(AB/GHn/MPJ-POL)
E11	11116	4-10	1650	Sun	920/00		USB	(AB/MPJ)
E11	11116	16-10	1650	Fri	927/00		USB	(AB/MPJ/GHn)
E11	11116	18-10	1650	Sun	929/00		USB	(AB/MPJ)
E11	11116	23-10	1650	Fri	927/00		USB	(AB/MPJ)

E11	11116	25-10	1650	Sun	925/00	USB	(AB/MPJ)
E11	11116	30-10	1650	Fri	926/00	USB	(AB/MPJ)
E11	12153	2-10	0830	Fri	185/00	USB	(AB)
E11	12153	5-10	0830	Mon	188/00	USB	(AB)
E11	12153	9-10	0830	Fri	185/00	USB	(AB)
E11	12153	12-10	0640	Mon	948/00	USB	(AB)
E11	12153	12-10	0830	Mon	180/0	USB	(AB)
E11	12153	14-10	0640	Wed	941/00	USB	(AB)
E11	12153	16-10	0830	Fri	189/00	USB	(AB)
E11	12153	19-10	0640	Mon	949/00	USB	(AB)
E11	12153	19-10	0830	Mon	183/00	USB	(AB)
E11	12153	21-10	0640	Wed	946/00	USB	(AB)
E11	12153	23-10	0830	Fri	189/00	USB	(AB)
E11	12153	26-10	0640	Mon	941/00	USB	(AB)
E11	12153	28-10	0640	Wed	940/00	USB	(AB)
E11	12202	1-10	0845	Thu	156/00	USB	(AB)
E11	12202	6-10	0845	Tue	151/00	USB	(AB)
E11	12202	8-10	0845	Thu	152/00	USB	(AB)
E11	12202	13-10	0845	Tue	154/00	USB	(AB)
E11	12202	15-10	0845	Thu	154/00	USB	(AB)
E11	12202	20-10	0845	Tue	157/00	USB	(AB)
E11	12202	22-10	0845	Thu	154/00	USB	(AB)
E11	12530	20-10	1230	Tue	333/00	USB	(AB)
E11	12530	22-10	1230	Thu	334/00	USB	(AB)
E11	13470	4-10	1745	Sun	247/00	USB	(AB/MPJ)
E11	13470	11-10	1745	Sun	249/00	USB	(AB/MPJ)
E11	13470	12-10	1745	Mon	244/00	USB	(AB-POL/MPJ)
E11	13470	18-10	1745	Sun	247/00	USB	(AB-POL)
E11	13470	26-10	1745	Mon	245/00	USB	(MPJ)
E11	14865	1-10	0745	Thu	225/00	USB	(AB)
E11	14865	6-10	0745	Tue	229/00	USB	(AB-POL)
E11	14865	8-10	0745	Thu	225/00	USB	(AB)
E11	14865	13-10	0745	Tue	228/00	USB	(AB)
E11	14865	15-10	0745	Thu	228/00	USB	(AB-POL)
E11	14865	20-10	0745	Tue	221/00	USB	(AB)
E11	14865	22-10	0745	Thu	221/00	USB	(AB)
E11	14972	3-10	1345	Sat	919/00	USB	(AB-POL/MPJ)
E11	14972	6-10	1345	Tue	910/00	USB	(AB/MPJ)
E11	14972	10-10	1345	Sat	915/00	USB	(MPJ)
E11	14972	13-10	1345	Tue	919/00	USB	(AB/MPJ)
E11	14972	17-10	1345	Sat	917/00	USB	(AB)
E11	14972	20-10	1345	Tue	912/00	USB	(MPJ)
E11	14972	24-10	1345	Sat	912/00	USB	(AB/MPJ)
E11	17410	2-10	0745	Fri	347/00	USB	(AB)
E11	17410	7-10	0745	Wed	343/00	USB	(AB-POL)
E11	17410	9-10	0745	Fri	342/00	USB	(AB-POL)
E11	17410	21-10	0745	Wed	342/00	USB	(AB-POL)

E11	17410	23-10	0745	Fri	346/00		USB	(AB)
E11	17410	28-10	0745	Wed	343/00		USB	(AB-POL)
E11	17410	30-10	0745	Fri	347/00		USB	(AB-POL)
E11	19184	13-10	0820	Tue	132/00		USB	(AB-POL)
E11	19184	14-10	0820	Wed	135/00		USB	(AB-POL)
E11	19184	20-10	0820	Tue	136/00		USB	(AB-POL)
E11	19184	21-10	0820	Wed	138/00		USB	(AB-POL)
E11	19184	27-10	0820	Tue	133/00		USB	(AB-POL)
E11	19184	28-10	0820	Wed	135/00		USB	(AB-POL)
E11a	4181	21-10	1705	Wed	396/33 Attention 38918 20161 09498 ... 25858 75881 73446 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	4505	18-10	1930	Sun	363/36 Attention 19214 14141 10552 ... 16231 02841 71579 Attention (message repeated)	Out	USB	(AB/GHn)
E11a	5082	6-10	1605	Tue	237/34 Attention 01167 16516 11089 ... 62244 19970 42080 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	5082	11-10	1605	Sun	237/34 Attention 01167 16516 11089 ... 62244 19970 42080 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	5371	10-10	0805	Sat	314/34 Attention 16764 74996 37016 ... 56927 83664 40306 Attention (message repeated)	Out	USB	(AB)
E11a	5371	11-10	0805	Sun	314/34 Attention 16764 74996 37016 ... 56927 83664 40306 Attention (message repeated)	Out	USB	(AB)
E11a	5371	26-10	0450	Mon	414/38 Attention 15830 64906 38058 ... 37729 29566 25476 Attention (message repeated)	Out	USB	(AB/HFD)
E11a	5737	26-10	1530	Mon	524/32 Attention 88892 37865 82609 ... 46227 53246 92573 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	5737	30-10	1530	Fri	524/32 Attention 88892 37865 82609 ... 46227 53246 92573 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	5779	9-10	0435	Fri	355/37 Attention 62479 08098 45034 ... 45970 80988 40632 Attention (message repeated)	Out	USB	(AB)
E11a	5941	8-10	0820	Thu	436/35 Attention 56157 54187 56154 ... 51985 66561 49607 Attention (message repeated)	Out	USB	(AB)
E11a	5941	9-10	0820	Fri	436/35 Attention 56157 54187 56154 ... 51985 66561 49607 Attention (message repeated)	Out	USB	(AB)
E11a	6923	7-10	1625	Wed	976/33 Attention 45200 59432 57939 ... 25657 84117 75411 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	6923	11-10	1625	Sun	976/33 Attention 45200 59432 57939 ... 25657 84117 75411 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	6923	27-10	1205	Tue	469/38 Attention 12513 62283 75190 ... 63204 96822 51136 Attention (message repeated)	Out	USB	(AB/MPJ)
E11a	6923	28-10	1205	Wed	469/38 Attention 12513 62283 75190 ... 63204 96822 51136 Attention (message repeated)	Out	USB	(AB)
E11a	6940	14-10	0930	Wed	276/31 Attention 29903 54048 04738 ... 55552 23827 30811 Attention (message repeated)	Out	USB	(AB)
E11a	6940	15-10	0930	Thu	276/31 Attention 29903 54048 04738 ... 55552 23827 30811 Attention (message repeated)	Out	USB	(AB)
E11a	7317	19-10	1045	Mon	691/35 Attention 19675 76739 90823 ... 00437 33608 98051 Attention (message repeated)	Out	USB	(AB)
E11a	7317	21-10	1045	Wed	691/35 Attention 19675 76739 90823 ... 00437 33608 98051 Attention (message repeated)	Out	USB	(AB)
E11a	7317	27-10	1000	Tue	308/30 Attention 50094 86203 58207 ... 97281 63135 83644 Attention (message repeated)	Out	USB	(AB)
E11a	7317	30-10	1000	Fri	308/30 Attention 50094 86203 58207 ... 97281 63135 83644 Attention (message repeated)	Out	USB	(AB)
E11a	7864	29-10	1730	Thu	414/38 Attention 15830 64906 38058 ... 37729 29566 25476 Attention (message repeated)	Out	USB	(AB)
E11a	8102	17-10	0710	Sat	492/35 Attention 39983 03081 47798 ... 53403 20456 35310 Attention (message repeated)	Out	USB	(AB)
E11a	8102	18-10	0710	Sun	492/35 Attention 39983 03081 47798 ... 53403 20456 35310 Attention (message repeated)	Out	USB	(AB)
E11a	8180	5-10	0900	Mon	535/40 Attention 39141 13285 85332 ... 12464 08385 75345 Attention (message repeated)	Out	USB	(AB)
E11a	8180	7-10	0900	Wed	535/40 Attention 39141 13285 85332 ... 12464 08385 75345 Attention (message repeated)	Out	USB	(AB)
E11a	8180	27-10	0700	Tue	576/40 Attention 55457 10411 72237 ... 95692 32263 62988 Attention (message repeated)	Out	USB	(AB)
E11a	8180	30-10	0700	Fri	576/40 Attention 55457 10411 72237 ... 95692 32263 62988 Attention (message repeated)	Out	USB	(AB)
E11a	8530	23-10	1910	Fri	618/35 Attention 04557 74711 32376 ... 13168 44539 86579 Attention (message repeated)	Out	USB	(AB)
E11a	8530	25-10	1910	Sun	618/35 Attention 04557 74711 32376 ... 13168 44539 86579 Attention (message repeated)	Out	USB	(AB)
E11a	9963	20-10	0715	Tue	635/36 Attention 13323 76244 59920 ... 31909 92183 32136 Attention (message repeated)	Out	USB	(AB)
E11a	9963	23-10	0715	Fri	635/36 Attention 13323 76244 59920 ... 31909 92183 32136 Attention (message repeated)	Out	USB	(AB)
E11a	10213	26-10	0745	Mon	269/38 Attention 05881 61303 43299 ... 06171 60809 57668 Attention (message repeated)	out	USB	(AB)
E11a	10330	29-10	1530	Thu	269/38 Attention 05881 61303 43299 ... 06171 60809 57668 Attention (message repeated)	out	USB	(AB/MPJ)
E11a	10800	6-10	0645	Tue	512/31 Attention 39137 94930 13970 ... 11767 94726 42441 Attention (message repeated)	Out	USB	(AB)
E11a	10800	8-10	0645	Thu	512/31 Attention 39137 94930 13970 ... 11767 94726 42441 Attention (message repeated)	Out	USB	(AB)
E11a	11116	9-10	1650	Fri	920/33 Attention 89949 95447 57443 ... 20603 70841 83610 Attention (message repeated)	Out	USB	(AB/MPJ)

E11a	11116	11-10	1650	Sun	920/33 Attention 89949 95447 57443 ... 26063 70841 83610 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	12153	5-10	0640	Mon	941/35 Attention 53774 07797 64954 ... 25681 71296 84774 Attention (message repeated) Out	USB	(AB)
E11a	12153	7-10	0640	Wed	941/35 Attention 53774 07797 64954 ... 25681 71296 84774 Attention (message repeated) Out	USB	(AB)
E11a	12153	26-10	0830	Mon	183/27 Attention 56507 98847 82284 ... 44074 46648 55391 Attention (message repeated) Out	USB	(AB-POL)
E11a	12153	30-10	0830	Fri	183/27 Attention 56507 98847 82284 ... 44074 46648 55391 Attention (message repeated) Out	USB	(AB)
E11a	12202	27-10	0845	Tue	152/35 Attention 00031 17373 83816 ... 78195 88758 19728 Attention (message repeated) Out	USB	(AB)
E11a	12202	29-10	0845	Thu	152/35 Attention 00031 17373 83816 ... 78195 88758 19728 Attention (message repeated) Out	USB	(AB)
E11a	12530	27-10	1230	Tue	332/31 Attention 62227 64046 13735 ... 61779 94749 44826 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	12530	29-10	1230	Thu	332/31 Attention 62227 64046 13735 ... 61779 94749 44826 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	13470	19-10	1745	Mon	244/37 Attention 65657 77834 61130 ... 90396 83918 82388 Attention (message repeated) Out	USB	(AB-POL)
E11a	13470	25-10	1745	Sun	244/37 Attention 65657 77834 61130 ... 90396 83918 82388 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	14865	27-10	0745	Tue	229/39 Attention 17141 42850 95382 ... 10034 30049 85716 Attention (message repeated) Out	USB	(AB)
E11a	14865	29-10	0745	Thu	229/39 Attention 17141 42850 95382 ... 10034 30049 85716 Attention (message repeated) Out	USB	(AB)
E11a	14972	27-10	1345	Tue	917/31 Attention 11175 58516 71874 ... 55193 26223 08302 Attention (message repeated) Out	USB	(AB-POL)
E11a	14972	31-10	1345	Sat	917/31 Attention 11175 58516 71874 ... 55193 26223 08302 Attention (message repeated) Out	USB	(MPJ)
E11a	17410	14-10	0745	Wed	348/38 Attention 18701 25105 28080 ... 87121 89558 87837 Attention (message repeated) Out	USB	(AB-POL)
E11a	17410	16-10	0745	Fri	348/38 Attention 18701 25105 28080 ... 87121 89558 87837 Attention (message repeated) Out	USB	(AB-POL)
E11a	19184	6-10	0820	Tue	132/39 Attention 32957 19368 93211 ... 25324 00163 02085 Attention (message repeated) Out	USB	(AB-POL)
E11a	19184	7-10	0820	Wed	132/39 Attention 32957 19368 93211 ... 25324 00163 02085 Attention (message repeated) Out	USB	(AB-POL)
E17z	12930	1-10	0810	Thu	217 864 5 18430 37111 31716 74483 43472 864 5 00000	USB	(AB-G)
E17z	12930	8-10	0810	Thu	217 864 5 18430 37111 31716 74483 43472 864 5 00000	USB	(AB)
E17z	12930	15-10	0810	Thu	217 843 5 41736 25910 56281 63156 05371 843 5 00000	USB	(AB)
E17z	12930	22-10	0810	Thu	217 843 5 41736 25910 56281 63156 05371 843 5 00000	USB	(AB)
E17z	12930	29-10	0810	Thu	217 217 217 00000	USB	(AB)
E17z	14260	1-10	0800	Thu	217 864 5 18430 37111 31716 74483 43472 864 5 00000	USB	(AB-AUT)
E17z	14260	8-10	0800	Thu	217 864 5 18430 37111 31716 74483 43472 864 5 00000	USB	(AB-G)
E17z	14260	15-10	0800	Thu	217 843 5 41736 25910 56281 63156 05371 843 5 00000	USB	(AB)
E17z	14260	22-10	0800	Thu	217 843 5 41736 25910 56281 63156 05371 843 5 00000	USB	(AB)
E17z	14260	29-10	0800	Thu	217 217 217 00000	USB	(AB-POL)
EGY	4178.7	24-10	1714	Sat	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
F01	7344	1-10	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7344	2-10	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	7344	5-10	1035	Mon	Russian diplo/intel. 85841 69723 84229 ... 33908 43186 64425 00000	FSK 200/500	(AB-RUS/MPJ-HNG)
F01	7344	6-10	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7344	7-10	1035	Wed	Russian diplo/intel.69804 30112 89137 ... 96196 39652 67433 00000	FSK 200/500	(AB-RUS)
F01	7344	8-10	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	7344	9-10	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	7344	12-10	1035	Mon	Russian diplo/intel. 50500 59302 98627 ... 90745 90096 70411 0000	FSK 200/500	(AB/MPJ)
F01	7344	13-10	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7344	14-10	1035	Wed	Russian diplo/intel. 88647 99499 85279 ... 04933 70266 73435 00000	FSK 200/500	(AB-RUS/HFD)
F01	7344	15-10	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	7344	16-10	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	7344	19-10	1035	Mon	Russian diplo/intel. 72746 28278 94476 ... 23075 62917 76423 00000	FSK 200/500	(AB)
F01	7344	20-10	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7344	21-10	1035	Wed	Russian diplo/intel. 35996 83846 25795 ... 36301 66277 79421 00000	FSK 200/500	(AB-RUS)
F01	7344	22-10	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	7344	23-10	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS/MPJ)

F01	7344	26-10	1035	Mon	Russian diplo/intel. 05160 60620 80233 ... 37842 94550 82425 00000	FSK 200/500	(AB)
F01	7344	27-10	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7344	28-10	1035	Wed	Russian diplo/intel. 57319 26249 39076 ... 56844 76620 85403 00000	FSK 200/500	(AB-RUS)
F01	7344	29-10	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7344	30-10	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	7723	7-10	1900	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9074	7-10	1850	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9082	1-10	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	9082	2-10	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	9082	5-10	1025	Mon	Russian diplo/intel. 85841 69723 84229 ... 33908 43186 64425 00000	FSK 200/500	(AB/MPJ-HNG)
F01	9082	6-10	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	7-10	1025	Wed	Russian diplo/intel. 69804 30112 89137 ... 96196 39652 67433 00000	FSK 200/500	(AB)
F01	9082	8-10	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	9082	9-10	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	9082	12-10	1025	Mon	Russian diplo/intel. 50500 59302 98627 ... 90745 90096 70411 0000	FSK 200/500	(AB)
F01	9082	13-10	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	14-10	1025	Wed	Russian diplo/intel. 88647 99499 85279 ... 04933 70266 73435 00000	FSK 200/500	(AB/HFD)
F01	9082	15-10	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	9082	16-10	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9082	19-10	1025	Mon	Russian diplo/intel. 72746 28278 94476 ... 23075 62917 76423 00000	FSK 200/500	(AB)
F01	9082	20-10	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	21-10	1025	Wed	Russian diplo/intel. 35996 83846 25795 ... 36301 66277 79421 00000	FSK 200/500	(AB)
F01	9082	22-10	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	9082	23-10	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	9082	26-10	1025	Mon	Russian diplo/intel. 05160 60620 80233 ... 37842 94550 82425 00000	FSK 200/500	(AB)
F01	9082	27-10	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	28-10	1025	Wed	Russian diplo/intel. 57319 26249 39076 ... 56844 76620 85403 00000	FSK 200/500	(AB)
F01	9082	29-10	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	9082	30-10	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	10192	15-10	0845	Thu	Russian diplo/intel. 30878 93184 86545 ... 22217 90119 07234 00000	FSK 200/500	(Danix)
F01	11129	1-10	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11129	2-10	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB-RUS)
F01	11129	5-10	1015	Mon	Russian diplo/intel. 85841 69723 84229 ... 33908 43186 64425 00000	FSK 200/500	(AB/MPJ-HNG)
F01	11129	6-10	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	7-10	1015	Wed	Russian diplo/intel. 69804 30112 89137 ... 96196 39652 67433 00000	FSK 200/500	(AB)
F01	11129	8-10	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	11129	9-10	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	11129	12-10	1015	Mon	Russian diplo/intel. 50500 59302 98627 ... 90745 90096 70411 0000	FSK 200/500	(AB)
F01	11129	13-10	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	14-10	1015	Wed	Russian diplo/intel. 88647 99499 85279 ... 04933 70266 73435 00000	FSK 200/500	(AB/HFD)
F01	11129	15-10	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	11129	16-10	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	11129	19-10	1015	Mon	Russian diplo/intel. 72746 28278 94476 ... 23075 62917 76423 00000	FSK 200/500	(AB)
F01	11129	20-10	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	21-10	1015	Wed	Russian diplo/intel. 35996 83846 25795 ... 36301 66277 79421 00000	FSK 200/500	(AB)
F01	11129	22-10	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	11129	23-10	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)

F01	11129	26-10	1015	Mon	Russian diplo/intel. 05160 60620 80233 ... 37842 94550 82425 00000	FSK 200/500	(AB)
F01	11129	27-10	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	28-10	1015	Wed	Russian diplo/intel. 57319 26249 39076 ... 56844 76620 85403 00000	FSK 200/500	(AB)
F01	11129	29-10	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	30-10	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	11136	7-10	1840	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	12227	15-10	0855	Thu	Russian diplo/intel. 30878 93184 86545 ... 22217 90119 07234 00000	FSK 200/500	(Danix)
F01	14483	15-10	0905	Thu	Russian diplo/intel. 30878 93184 86545 ... 22217 90119 07234 00000	FSK 200/500	(Danix)
F01	18954	9-10	2240	Fri	Russian diplo/intel via Cuba. Header: 11177 00116 97177 09049 03929	FSK 200/500	(Danix-ABW)
F01	18954	16-10	2240	Fri	Russian diplo/intel via Cuba. Header: 11177 00116 74158 15050 02079	FSK 200/500	(Danix-USA)
F01	18954	30-10	2240	Fri	Russian diplo/intel. Header: 11177 00116 78216 29052 02859	FSK 200/500	(Danix-USA)
F01	20966	9-10	2230	Fri	Russian diplo/intel via Cuba. Header: 11177 00116 97177 09049 03929	FSK 200/500	(Danix-ABW)
F01	20966	16-10	2230	Fri	Russian diplo/intel via Cuba. Header: 11177 00116 74158 15050 02079	FSK 200/500	(Danix-USA)
F01	20966	30-10	2230	Fri	Russian diplo/intel. Header: 11177 00116 78216 29052 02859	FSK 200/500	(Danix-USA)
F03j	7984	5-10	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	5-10	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	7-10	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	7-10	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	12-10	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	12-10	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	14-10	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	14-10	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	19-10	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	19-10	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	21-10	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	21-10	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	26-10	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	26-10	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	28-10	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7984	28-10	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	1-10	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	1-10	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	6-10	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	6-10	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	8-10	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	8-10	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	13-10	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	13-10	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	15-10	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	15-10	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	22-10	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	22-10	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	27-10	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	27-10	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	29-10	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8305	29-10	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	1-10	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	13046	1-10	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	6-10	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	6-10	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	8-10	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	8-10	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	13-10	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	13-10	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	15-10	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	15-10	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	20-10	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	20-10	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	22-10	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	22-10	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	27-10	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	27-10	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	29-10	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	29-10	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19515	5-10	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	5-10	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	7-10	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	7-10	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	12-10	0630	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	12-10	0635	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	14-10	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	14-10	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	21-10	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	21-10	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	28-10	0630	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19515	28-10	0635	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03l	6849	1-10	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	1-10	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	8-10	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	8-10	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	14-10	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	14-10	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	15-10	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	15-10	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	21-10	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	21-10	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	22-10	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	22-10	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	28-10	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	28-10	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	29-10	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	6849	29-10	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7377	7-10	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	7377	7-10	1040	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	7377	12-10	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7377	12-10	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7377	14-10	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	14-10	1040	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	19-10	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	19-10	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	21-10	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	21-10	1040	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	26-10	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	26-10	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	28-10	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7377	28-10	1040	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7733	5-10	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7733	5-10	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	1-10	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	1-10	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	8-10	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	8-10	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	12-10	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	12-10	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	7798	15-10	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	15-10	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	19-10	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	19-10	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	22-10	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	22-10	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	26-10	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	26-10	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	29-10	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7798	29-10	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	1-10	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	1-10	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	6-10	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	13873	6-10	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	13873	8-10	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	8-10	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	13-10	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	13-10	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	15-10	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	15-10	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	22-10	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	22-10	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	27-10	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	27-10	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	29-10	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13873	29-10	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	1-10	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	14975	1-10	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	6-10	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	14975	6-10	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	14975	8-10	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	8-10	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	13-10	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	14975	13-10	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	14975	15-10	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	15-10	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	22-10	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	22-10	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	27-10	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	14975	27-10	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	14975	29-10	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14975	29-10	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	2-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	2-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	7-10	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	7-10	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	9-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	9-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	14-10	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	14-10	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	16-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	16-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	21-10	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	21-10	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	23-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	23-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	28-10	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	15915	28-10	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	30-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	15915	30-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	18030	6-10	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	6-10	0810	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	7-10	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	7-10	0810	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	13-10	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	13-10	0810	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	14-10	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	14-10	0810	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	21-10	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	21-10	0810	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	27-10	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	27-10	0810	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	28-10	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18030	28-10	0810	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)

F06	4840	5-10	0420	Mon	Russian diplo/intel. 11166 70059 14789 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4840	19-10	0420	Mon	Russian diplo/intel. 11166 70059 85269 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5433	5-10	0410	Mon	Russian diplo/intel. 11166 70059 14789 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5433	19-10	0410	Mon	Russian diplo/intel. 11166 70059 85269 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6848	5-10	0400	Mon	Russian diplo/intel. 11166 70059 14789 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6848	19-10	0400	Mon	Russian diplo/intel. 11166 70059 85269 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7319	6-10	0040	Tue	Russian diplo/intel. 11166 60070 13579 06075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7319	13-10	0040	Tue	Russian diplo/intel. 11166 60070 48523 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	7319	20-10	0040	Tue	Russian diplo/intel. 11166 60070 47285 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7319	27-10	0040	Tue	Russian diplo/intel. 11166 60070 45612 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	8037	6-10	0050	Tue	Russian diplo/intel. 11166 60070 13579 06075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8037	13-10	0050	Tue	Russian diplo/intel. 11166 60070 48523 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	8037	20-10	0050	Tue	Russian diplo/intel. 11166 60070 47285 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8037	27-10	0050	Tue	Russian diplo/intel. 11166 60070 45612 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	8113	1-10	0720	Thu	Russian diplo/intel. Headers: 11166 70202 64879 01099 01539 and 11166 70202 16345 30001 01699	FSK 200/1000	(AB-POL)
F06	8113	2-10	0720	Fri	Russian diplo/intel. 11166 70202 96148 02053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8113	5-10	0720	Mon	Russian diplo/intel. Header: 11166 70202 14792 05002 02539	FSK 200/1000	(AB-POL)
F06	8113	6-10	0720	Tue	Russian diplo/intel. Headers: 11166 70202 23416 05003 01779 and 11166 70202 87641 05004 01559	FSK 200/1000	(AB-POL)
F06	8113	7-10	0720	Wed	Russian diplo/intel. Header: 11166 70202 57984 06005 02559	FSK 200/1000	(AB-POL)
F06	8113	8-10	0720	Thu	Russian diplo/intel. Headers: 11166 70202 65219 08006 01599 and 11166 70202 87632 08007 02039	FSK 200/1000	(AB-POL)
F06	8113	9-10	0720	Fri	Russian diplo/intel. 11166 70202 25738 09048 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8113	12-10	0720	Mon	Russian diplo/intel. Header: 11166 70202 34592 12008 02739	FSK 200/1000	(AB-POL)
F06	8113	13-10	0720	Tue	Russian diplo/intel. Headers: 11166 70202 19573 13009 01879 and 11166 70202 64812 13010 01499	FSK 200/1000	(AB-POL)
F06	8113	14-10	0720	Wed	Russian diplo/intel. Header: 11166 70202 56247 13011 02859	FSK 200/1000	(AB-POL)
F06	8113	15-10	0720	Thu	Russian diplo/intel. Headers: 11166 70202 86519 14012 01899 and 11166 70202 13650 14013 01519	FSK 200/1000	(AB-POL)
F06	8113	16-10	0720	Fri	Russian diplo/intel. 11166 70202 15798 16058 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8113	19-10	0720	Mon	Russian diplo/intel. Header: 11166 70202 52349 16014 02599	FSK 200/1000	(AB-POL)
F06	8113	20-10	0720	Tue	Russian diplo/intel. Headers: 11166 70202 89541 20015 01459 and 11166 70202 92345 20016 01799	FSK 200/1000	(AB-POL)
F06	8113	21-10	0720	Wed	Russian diplo/intel. Header: 11166 70202 49137 21017 02639	FSK 200/1000	(AB-POL)
F06	8113	22-10	0720	Thu	Russian diplo/intel. Headers: 11166 70202 31654 22018 01479 and 11166 70202 52486 22019 01779	FSK 200/1000	(AB-POL)
F06	8113	23-10	0720	Fri	Russian diplo/intel. 11166 70202 25647 23069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8113	26-10	0720	Mon	Russian diplo/intel. Header: 11166 70202 63218 26020 02539	FSK 200/1000	(AB-POL)
F06	8113	27-10	0720	Tue	Russian diplo/intel. Headers: 11166 70202 89541 27021 01499 and 11166 70202 65413 27022 01799	FSK 200/1000	(AB-RUS)
F06	8113	28-10	0720	Wed	Russian diplo/intel. Header: 11166 70202 53718 28023 02259	FSK 200/1000	(AB-POL)
F06	8113	29-10	0720	Thu	Russian diplo/intel. Headers: 11166 70202 42179 29024 01559 and 11166 70202 71294 29025 01679	FSK 200/1000	(AB-POL)
F06	8113	30-10	0720	Fri	Russian diplo/intel. 11166 70202 32568 30051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9046	6-10	1710	Tue	Russian diplo/intel. 11166 10053 25836 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9046	13-10	1710	Tue	Russian diplo/intel. 11166 10053 45689 13021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9046	20-10	1710	Tue	Russian diplo/intel. 11166 10053 14789 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9046	27-10	1710	Tue	Russian diplo/intel. 11166 10053 75321 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9129	4-10	1550	Sun	Russian diplo/intel. 11166 10053 12347 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9129	11-10	1550	Sun	Russian diplo/intel. 11166 10053 36987 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9129	18-10	1550	Sun	Russian diplo/intel. 11166 10053 12378 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9129	25-10	1550	Sun	Russian diplo/intel. 11166 10053 14789 25069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9166	6-10	0030	Tue	Russian diplo/intel. 11166 60070 13579 06075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9166	13-10	0030	Tue	Russian diplo/intel. 11166 60070 48523 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	9166	20-10	0030	Tue	Russian diplo/intel. 11166 60070 47285 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	9166	27-10	0030	Tue	Russian diplo/intel. 11166 60070 45612 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL)
F06	9246	1-10	1220	Thu	Russian diplo/intel. Headers: 11166 70202 64879 01099 01539 and 11166 70202 16345 30001 01699	FSK 200/1000	(AB/MPJ)
F06	9246	5-10	1220	Mon	Russian diplo/intel. Header: 11166 70202 14792 05002 02539	FSK 200/1000	(AB)
F06	9246	6-10	1220	Tue	Russian diplo/intel. Headers: 11166 70202 23416 05003 01779 and 11166 70202 87641 05004 01559	FSK 200/1000	(AB/MPJ)
F06	9246	7-10	1220	Wed	Russian diplo/intel. Header: 11166 70202 57984 06005 02559	FSK 200/1000	(AB)
F06	9246	8-10	1220	Thu	Russian diplo/intel. Headers: 11166 70202 65219 08006 01599 and 11166 70202 87632 08007 02039	FSK 200/1000	(AB)
F06	9246	12-10	1220	Mon	Russian diplo/intel. Header: 11166 70202 34592 12008 02739	FSK 200/1000	(AB)
F06	9246	13-10	1220	Tue	Russian diplo/intel. Headers: 11166 70202 19573 13009 01879 and 11166 70202 64812 13010 01499	FSK 200/1000	(AB)
F06	9246	14-10	1220	Wed	Russian diplo/intel. Header: 11166 70202 56247 13011 02859	FSK 200/1000	(AB)
F06	9246	15-10	1220	Thu	Russian diplo/intel. Headers: 11166 70202 86519 14012 01899 and 11166 70202 13650 14013 01519	FSK 200/1000	(AB)
F06	9246	19-10	1220	Mon	Russian diplo/intel. Header: 11166 70202 52349 16014 02599	FSK 200/1000	(AB)
F06	9246	20-10	1220	Tue	Russian diplo/intel. Headers: 11166 70202 89541 20015 01459 and 11166 70202 92345 20016 01799	FSK 200/1000	(AB/MPJ)
F06	9246	21-10	1220	Wed	Russian diplo/intel. Header: 11166 70202 49137 21017 02639	FSK 200/1000	(AB)
F06	9246	22-10	1220	Thu	Russian diplo/intel. Headers: 11166 70202 31654 22018 01479 and 11166 70202 52486 22019 01779	FSK 200/1000	(AB/MPJ)
F06	9246	26-10	1220	Mon	Russian diplo/intel. Header: 11166 70202 63218 26020 02539	FSK 200/1000	(AB/MPJ)
F06	9246	27-10	1220	Tue	Russian diplo/intel. Headers: 11166 70202 89541 27021 01499 and 11166 70202 65413 27022 01799	FSK 200/1000	(AB/MPJ)
F06	9246	28-10	1220	Wed	Russian diplo/intel. Header: 11166 70202 53718 28023 02259	FSK 200/1000	(AB)
F06	9246	29-10	1220	Thu	Russian diplo/intel. Headers: 11166 70202 42179 29024 01559 and 11166 70202 71294 29025 01679	FSK 200/1000	(AB)
F06	10541	1-10	0710	Thu	Russian diplo/intel. Headers: 11166 70202 64879 01099 01539 and 11166 70202 16345 30001 01699	FSK 200/1000	(AB-POL)
F06	10541	2-10	0710	Fri	Russian diplo/intel. 11166 70202 96148 02053 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	5-10	0710	Mon	Russian diplo/intel. Header: 11166 70202 14792 05002 02539	FSK 200/1000	(AB)
F06	10541	6-10	0710	Tue	Russian diplo/intel. Headers: 11166 70202 23416 05003 01779 and 11166 70202 87641 05004 01559	FSK 200/1000	(AB-POL)
F06	10541	7-10	0710	Wed	Russian diplo/intel. Header: 11166 70202 57984 06005 02559	FSK 200/1000	(AB)
F06	10541	8-10	0710	Thu	Russian diplo/intel. Headers: 11166 70202 65219 08006 01599 and 11166 70202 87632 08007 02039	FSK 200/1000	(AB-POL)
F06	10541	9-10	0710	Fri	Russian diplo/intel. 11166 70202 25738 09048 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	12-10	0710	Mon	Russian diplo/intel. Header: 11166 70202 34592 12008 02739	FSK 200/1000	(AB)
F06	10541	13-10	0710	Tue	Russian diplo/intel. Headers: 11166 70202 19573 13009 01879 and 11166 70202 64812 13010 01499	FSK 200/1000	(AB)
F06	10541	14-10	0710	Wed	Russian diplo/intel. Header: 11166 70202 56247 13011 02859	FSK 200/1000	(AB)
F06	10541	15-10	0710	Thu	Russian diplo/intel. Headers: 11166 70202 86519 14012 01899 and 11166 70202 13650 14013 01519	FSK 200/1000	(AB)
F06	10541	16-10	0710	Fri	Russian diplo/intel. 11166 70202 15798 16058 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	19-10	0710	Mon	Russian diplo/intel. Header: 11166 70202 52349 16014 02599	FSK 200/1000	(AB)
F06	10541	20-10	0710	Tue	Russian diplo/intel. Headers: 11166 70202 89541 20015 01459 and 11166 70202 92345 20016 01799	FSK 200/1000	(AB)
F06	10541	21-10	0710	Wed	Russian diplo/intel. Header: 11166 70202 49137 21017 02639	FSK 200/1000	(AB)
F06	10541	22-10	0710	Thu	Russian diplo/intel. Headers: 11166 70202 31654 22018 01479 and 11166 70202 52486 22019 01779	FSK 200/1000	(AB)
F06	10541	23-10	0710	Fri	Russian diplo/intel. 11166 70202 25647 23069 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	26-10	0710	Mon	Russian diplo/intel. Header: 11166 70202 63218 26020 02539	FSK 200/1000	(AB)
F06	10541	27-10	0710	Tue	Russian diplo/intel. Headers: 11166 70202 89541 27021 01499 and 11166 70202 65413 27022 01799	FSK 200/1000	(AB)
F06	10541	28-10	0710	Wed	Russian diplo/intel. Header: 11166 70202 53718 28023 02259	FSK 200/1000	(AB)
F06	10541	29-10	0710	Thu	Russian diplo/intel. Headers: 11166 70202 42179 29024 01559 and 11166 70202 71294 29025 01679	FSK 200/1000	(AB)
F06	10541	30-10	0710	Fri	Russian diplo/intel. 11166 70202 32568 30051 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10734	4-10	1540	Sun	Russian diplo/intel. 11166 10053 12347 04001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10734	11-10	1540	Sun	Russian diplo/intel. 11166 10053 36987 11001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10734	18-10	1540	Sun	Russian diplo/intel. 11166 10053 12378 18001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10734	25-10	1540	Sun	Russian diplo/intel. 11166 10053 14789 25069 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10817	6-10	1700	Tue	Russian diplo/intel. 11166 10053 25836 06001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10817	13-10	1700	Tue	Russian diplo/intel. 11166 10053 45689 13021 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10817	20-10	1700	Tue	Russian diplo/intel. 11166 10053 14789 20001 00049 00000 00000 00000	FSK 200/1000	(AB)

F06	10817	27-10	1700	Tue	Russian diplo/intel. 11166 10053 75321 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11108	1-10	1350	Thu	Russian diplo/intel. 11166 80214 92648 01048 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11108	8-10	1350	Thu	Russian diplo/intel. 11166 80214 85269 08074 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11108	15-10	1350	Thu	Russian diplo/intel. 11166 80214 95763 15034 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11108	22-10	1350	Thu	Russian diplo/intel. 11166 80214 36542 22047 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11108	29-10	1350	Thu	Russian diplo/intel. 11166 80214 97821 29051 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11173	1-10	1210	Thu	Russian diplo/intel. Headers: 11166 70202 64879 01099 01539 and 11166 70202 16345 30001 01699	FSK 200/1000	(AB/MPJ)
F06	11173	5-10	1210	Mon	Russian diplo/intel. Header: 11166 70202 14792 05002 02539	FSK 200/1000	(AB)
F06	11173	6-10	1210	Tue	Russian diplo/intel. Headers: 11166 70202 23416 05003 01779 and 11166 70202 87641 05004 01559	FSK 200/1000	(AB/MPJ/RL-HOL)
F06	11173	7-10	1210	Wed	Russian diplo/intel. Header: 11166 70202 57984 06005 02559	FSK 200/1000	(AB)
F06	11173	8-10	1210	Thu	Russian diplo/intel. Headers: 11166 70202 65219 08006 01599 and 11166 70202 87632 08007 02039	FSK 200/1000	(AB)
F06	11173	12-10	1210	Mon	Russian diplo/intel. Header: 11166 70202 34592 12008 02739	FSK 200/1000	(AB)
F06	11173	13-10	1210	Tue	Russian diplo/intel. Headers: 11166 70202 19573 13009 01879 and 11166 70202 64812 13010 01499	FSK 200/1000	(AB)
F06	11173	14-10	1210	Wed	Russian diplo/intel. Header: 11166 70202 56247 13011 02859	FSK 200/1000	(AB)
F06	11173	15-10	1210	Thu	Russian diplo/intel. Headers: 11166 70202 86519 14012 01899 and 11166 70202 13650 14013 01519	FSK 200/1000	(AB)
F06	11173	19-10	1210	Mon	Russian diplo/intel. Header: 11166 70202 52349 16014 02599	FSK 200/1000	(AB)
F06	11173	20-10	1210	Tue	Russian diplo/intel. Headers: 11166 70202 89541 20015 01459 and 11166 70202 92345 20016 01799	FSK 200/1000	(AB/MPJ)
F06	11173	21-10	1210	Wed	Russian diplo/intel. Header: 11166 70202 49137 21017 02639	FSK 200/1000	(AB)
F06	11173	22-10	1210	Thu	Russian diplo/intel. Headers: 11166 70202 31654 22018 01479 and 11166 70202 52486 22019 01779	FSK 200/1000	(AB/MPJ)
F06	11173	26-10	1210	Mon	Russian diplo/intel. Header: 11166 70202 63218 26020 02539	FSK 200/1000	(AB/MPJ)
F06	11173	27-10	1210	Tue	Russian diplo/intel. Headers: 11166 70202 89541 27021 01499 and 11166 70202 65413 27022 01799	FSK 200/1000	(AB/MPJ)
F06	11173	28-10	1210	Wed	Russian diplo/intel. Header: 11166 70202 53718 28023 02259	FSK 200/1000	(AB)
F06	11173	29-10	1210	Thu	Russian diplo/intel. Headers: 11166 70202 42179 29024 01559 and 11166 70202 71294 29025 01679	FSK 200/1000	(AB)
F06	12169	1-10	0700	Thu	Russian diplo/intel. Headers: 11166 70202 64879 01099 01539 and 11166 70202 16345 30001 01699	FSK 200/1000	(AB-POL)
F06	12169	2-10	0700	Fri	Russian diplo/intel. 11166 70202 96148 02053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12169	5-10	0700	Mon	Russian diplo/intel. Header: 11166 70202 14792 05002 02539	FSK 200/1000	(AB)
F06	12169	6-10	0700	Tue	Russian diplo/intel. Headers: 11166 70202 23416 05003 01779 and 11166 70202 87641 05004 01559	FSK 200/1000	(AB-POL)
F06	12169	7-10	0700	Wed	Russian diplo/intel. Header: 11166 70202 57984 06005 02559	FSK 200/1000	(AB)
F06	12169	8-10	0700	Thu	Russian diplo/intel. Headers: 11166 70202 65219 08006 01599 and 11166 70202 87632 08007 02039	FSK 200/1000	(AB-POL)
F06	12169	9-10	0700	Fri	Russian diplo/intel. 11166 70202 25738 09048 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12169	12-10	0700	Mon	Russian diplo/intel. Header: 11166 70202 34592 12008 02739	FSK 200/1000	(AB)
F06	12169	13-10	0700	Tue	Russian diplo/intel. Headers: 11166 70202 19573 13009 01879 and 11166 70202 64812 13010 01499	FSK 200/1000	(AB)
F06	12169	14-10	0700	Wed	Russian diplo/intel. Header: 11166 70202 56247 13011 02859	FSK 200/1000	(AB)
F06	12169	15-10	0700	Thu	Russian diplo/intel. Headers: 11166 70202 86519 14012 01899 and 11166 70202 13650 14013 01519	FSK 200/1000	(AB)
F06	12169	16-10	0700	Fri	Russian diplo/intel. 11166 70202 15798 16058 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12169	19-10	0700	Mon	Russian diplo/intel. Header: 11166 70202 52349 16014 02599	FSK 200/1000	(AB)
F06	12169	20-10	0700	Tue	Russian diplo/intel. Headers: 11166 70202 89541 20015 01459 and 11166 70202 92345 20016 01799	FSK 200/1000	(AB)
F06	12169	21-10	0700	Wed	Russian diplo/intel. Header: 11166 70202 49137 21017 02639	FSK 200/1000	(AB)
F06	12169	22-10	0700	Thu	Russian diplo/intel. Headers: 11166 70202 31654 22018 01479 and 11166 70202 52486 22019 01779	FSK 200/1000	(AB)
F06	12169	23-10	0700	Fri	Russian diplo/intel. 11166 70202 25647 23069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12169	26-10	0700	Mon	Russian diplo/intel. Header: 11166 70202 63218 26020 02539	FSK 200/1000	(AB)
F06	12169	27-10	0700	Tue	Russian diplo/intel. Headers: 11166 70202 89541 27021 01499 and 11166 70202 65413 27022 01799	FSK 200/1000	(AB)
F06	12169	28-10	0700	Wed	Russian diplo/intel. Header: 11166 70202 53718 28023 02259	FSK 200/1000	(AB)
F06	12169	29-10	0700	Thu	Russian diplo/intel. Headers: 11166 70202 42179 29024 01559 and 11166 70202 71294 29025 01679	FSK 200/1000	(AB)
F06	12169	30-10	0700	Fri	Russian diplo/intel. 11166 70202 32568 30051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12189	4-10	1530	Sun	Russian diplo/intel. 11166 10053 12347 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12189	11-10	1530	Sun	Russian diplo/intel. 11166 10053 36987 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	12189	18-10	1530	Sun	Russian diplo/intel. 11166 10053 12378 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12189	25-10	1530	Sun	Russian diplo/intel. 11166 10053 14789 25069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12215	6-10	1650	Tue	Russian diplo/intel. 11166 10053 25836 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12215	13-10	1650	Tue	Russian diplo/intel. 11166 10053 45689 13021 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12215	20-10	1650	Tue	Russian diplo/intel. 11166 10053 14789 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12215	27-10	1650	Tue	Russian diplo/intel. 11166 10053 75321 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13376	1-10	1340	Thu	Russian diplo/intel. 11166 80214 92648 01048 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13376	8-10	1340	Thu	Russian diplo/intel. 11166 80214 85269 08074 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13376	15-10	1340	Thu	Russian diplo/intel. 11166 80214 95763 15034 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13376	22-10	1340	Thu	Russian diplo/intel. 11166 80214 36542 22047 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13376	29-10	1340	Thu	Russian diplo/intel. 11166 80214 97821 29051 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13521	1-10	1200	Thu	Russian diplo/intel. Headers: 11166 70202 64879 01099 01539 and 11166 70202 16345 30001 01699	FSK 200/1000	(AB/MPJ)
F06	13521	5-10	1200	Mon	Russian diplo/intel. Header: 11166 70202 14792 05002 02539	FSK 200/1000	(AB/RL-HOL)
F06	13521	6-10	1200	Tue	Russian diplo/intel. Headers: 11166 70202 23416 05003 01779 and 11166 70202 87641 05004 01559	FSK 200/1000	(AB/MPJ)
F06	13521	7-10	1200	Wed	Russian diplo/intel. Header: 11166 70202 57984 06005 02559	FSK 200/1000	(AB)
F06	13521	8-10	1200	Thu	Russian diplo/intel. Headers: 11166 70202 65219 08006 01599 and 11166 70202 87632 08007 02039	FSK 200/1000	(AB)
F06	13521	12-10	1200	Mon	Russian diplo/intel. Header: 11166 70202 34592 12008 02739	FSK 200/1000	(AB)
F06	13521	13-10	1200	Tue	Russian diplo/intel. Headers: 11166 70202 19573 13009 01879 and 11166 70202 64812 13010 01499	FSK 200/1000	(AB)
F06	13521	14-10	1200	Wed	Russian diplo/intel. Header: 11166 70202 56247 13011 02859	FSK 200/1000	(AB)
F06	13521	15-10	1200	Thu	Russian diplo/intel. Headers: 11166 70202 86519 14012 01899 and 11166 70202 13650 14013 01519	FSK 200/1000	(AB)
F06	13521	19-10	1200	Mon	Russian diplo/intel. Header: 11166 70202 52349 16014 02599	FSK 200/1000	(AB)
F06	13521	20-10	1200	Tue	Russian diplo/intel. Headers: 11166 70202 89541 20015 01459 and 11166 70202 92345 20016 01799	FSK 200/1000	(AB/MPJ)
F06	13521	21-10	1200	Wed	Russian diplo/intel. Header: 11166 70202 49137 21017 02639	FSK 200/1000	(AB)
F06	13521	22-10	1200	Thu	Russian diplo/intel. Headers: 11166 70202 31654 22018 01479 and 11166 70202 52486 22019 01779	FSK 200/1000	(AB/MPJ)
F06	13521	26-10	1200	Mon	Russian diplo/intel. Header: 11166 70202 63218 26020 02539	FSK 200/1000	(AB/MPJ)
F06	13521	27-10	1200	Tue	Russian diplo/intel. Headers: 11166 70202 89541 27021 01499 and 11166 70202 65413 27022 01799	FSK 200/1000	(AB/MPJ)
F06	13521	28-10	1200	Wed	Russian diplo/intel. Header: 11166 70202 53718 28023 02259	FSK 200/1000	(AB)
F06	13521	29-10	1200	Thu	Russian diplo/intel. Headers: 11166 70202 42179 29024 01559 and 11166 70202 71294 29025 01679	FSK 200/1000	(AB)
F06	15607	1-10	1330	Thu	Russian diplo/intel. 11166 80214 92648 01048 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15607	8-10	1330	Thu	Russian diplo/intel. 11166 80214 85269 08074 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15607	15-10	1330	Thu	Russian diplo/intel. 11166 80214 95763 15034 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	15607	22-10	1330	Thu	Russian diplo/intel. 11166 80214 36542 22047 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15607	29-10	1330	Thu	Russian diplo/intel. 11166 80214 97821 29051 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	15654	14-10	0820	Wed	Russian diplo/intel. Header: 11166 00052 85274 14070 02389	FSK 200/1000	(AB)
F06	15654	15-10	0820	Thu	Russian diplo/intel. Header: 11166 00052 85274 14070 02389	FSK 200/1000	(AB)
F06	15654	28-10	0820	Wed	Russian diplo/intel. Header: 11166 00052 73159 28071 02529	FSK 200/1000	(AB)
F06	15654	29-10	0820	Thu	Russian diplo/intel. Header: 11166 00052 73159 28071 02529	FSK 200/1000	(AB)
F06	15779	1-10	0620	Thu	Russian diplo/intel. Headers: 11166 40122 26458 26009 03029 and 11166 40122 12943 26010 02809	FSK 200/1000	(AB-J)
F06	15779	7-10	0620	Wed	Russian diplo/intel. Header: 11166 40122 25698 03011 03499	FSK 200/1000	(AB-J)
F06	15779	8-10	0620	Thu	Russian diplo/intel. Header: 11166 40122 25698 03011 03499	FSK 200/1000	(AB-TWN)
F06	15779	14-10	0620	Wed	Russian diplo/intel. Headers: 11166 40122 63957 10012 03129 and 11166 40122 91376 10013 02709	FSK 200/1000	(AB-TWN)
F06	15779	15-10	0620	Thu	Russian diplo/intel. Headers: 11166 40122 63957 10012 03129 and 11166 40122 91376 10013 02709	FSK 200/1000	(AB-TWN)
F06	15779	21-10	0620	Wed	Russian diplo/intel. 11166 40122 52437 21069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-TWN)
F06	15779	28-10	0620	Wed	Russian diplo/intel. Header: 11166 40122 91376 24014 04239	FSK 200/1000	(AB-KOR)
F06	15779	29-10	0620	Thu	Russian diplo/intel. Header: 11166 40122 91376 24014 04239	FSK 200/1000	(AB-KOR)
F06	17548	1-10	0610	Thu	Russian diplo/intel. Headers: 11166 40122 26458 26009 03029 and 11166 40122 12943 26010 02809	FSK 200/1000	(AB-J)
F06	17548	7-10	0610	Wed	Russian diplo/intel. Header: 11166 40122 25698 03011 03499	FSK 200/1000	(AB-J)

F06	17548	8-10	0610	Thu	Russian diplo/intel. Header: 11166 40122 25698 03011 03499	FSK 200/1000	(AB-TWN)
F06	17548	14-10	0610	Wed	Russian diplo/intel. Headers: 11166 40122 63957 10012 03129 and 11166 40122 91376 10013 02709	FSK 200/1000	(AB-J)
F06	17548	15-10	0610	Thu	Russian diplo/intel. Headers: 11166 40122 63957 10012 03129 and 11166 40122 91376 10013 02709	FSK 200/1000	(AB-J)
F06	17548	21-10	0610	Wed	Russian diplo/intel. 11166 40122 52437 21069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	17548	28-10	0610	Wed	Russian diplo/intel. Header: 11166 40122 91376 24014 04239	FSK 200/1000	(AB-KOR)
F06	17548	29-10	0610	Thu	Russian diplo/intel. Header: 11166 40122 91376 24014 04239	FSK 200/1000	(AB-KOR)
F06	17549	14-10	0810	Wed	Russian diplo/intel. Header: 11166 00052 85274 14070 02389	FSK 200/1000	(AB)
F06	17549	15-10	0810	Thu	Russian diplo/intel. Header: 11166 00052 85274 14070 02389	FSK 200/1000	(AB)
F06	17549	28-10	0810	Wed	Russian diplo/intel. Header: 11166 00052 73159 28071 02529	FSK 200/1000	(AB/SP1)
F06	17549	29-10	0810	Thu	Russian diplo/intel. Header: 11166 00052 73159 28071 02529	FSK 200/1000	(AB)
F06	19268	1-10	0600	Thu	Russian diplo/intel. Headers: 11166 40122 26458 26009 03029 and 11166 40122 12943 26010 02809	FSK 200/1000	(AB-J)
F06	19268	7-10	0600	Wed	Russian diplo/intel. Header: 11166 40122 25698 03011 03499	FSK 200/1000	(AB-KOR)
F06	19268	8-10	0600	Thu	Russian diplo/intel. Header: 11166 40122 25698 03011 03499	FSK 200/1000	(AB-TWN)
F06	19268	14-10	0600	Wed	Russian diplo/intel. Headers: 11166 40122 63957 10012 03129 and 11166 40122 91376 10013 02709	FSK 200/1000	(AB-TWN)
F06	19268	15-10	0600	Thu	Russian diplo/intel. Headers: 11166 40122 63957 10012 03129 and 11166 40122 91376 10013 02709	FSK 200/1000	(AB-TWN)
F06	19268	21-10	0600	Wed	Russian diplo/intel. 11166 40122 52437 21069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-PHL)
F06	19268	28-10	0600	Wed	Russian diplo/intel. Header: 11166 40122 91376 24014 04239	FSK 200/1000	(AB-KOR)
F06	19268	29-10	0600	Thu	Russian diplo/intel. Header: 11166 40122 91376 24014 04239	FSK 200/1000	(AB-KOR)
F06	19986	14-10	0800	Wed	Russian diplo/intel. Header: 11166 00052 85274 14070 02389	FSK 200/1000	(AB)
F06	19986	15-10	0800	Thu	Russian diplo/intel. Header: 11166 00052 85274 14070 02389	FSK 200/1000	(AB)
F06	19986	28-10	0800	Wed	Russian diplo/intel. Header: 11166 00052 73159 28071 02529	FSK 200/1000	(AB/SP1)
F06	19986	29-10	0800	Thu	Russian diplo/intel. Header: 11166 00052 73159 28071 02529	FSK 200/1000	(AB)
F06a	4525	1-10	0430	Thu	Russian diplo/intel. File 04442 (928 bytes)	FSK 200/1000	(AB)
F06a	4525	2-10	0430	Fri	Russian diplo/intel. File 04442 (928 bytes)	FSK 200/1000	(AB)
F06a	4525	8-10	0430	Thu	Russian diplo/intel. File 04443 (1088 bytes)	FSK 200/1000	(AB)
F06a	4525	9-10	0430	Fri	Russian diplo/intel. File 04443 (1088 bytes)	FSK 200/1000	(AB)
F06a	4525	15-10	0430	Thu	Russian diplo/intel. File 44444 (1440 bytes)	FSK 200/1000	(AB)
F06a	4525	16-10	0430	Fri	Russian diplo/intel. File 44444 (1440 bytes)	FSK 200/1000	(AB)
F06a	4525	22-10	0430	Thu	Russian diplo/intel. File 04445 (912 bytes)	FSK 200/1000	(AB)
F06a	4525	23-10	0430	Fri	Russian diplo/intel. File 04445 (912 bytes)	FSK 200/1000	(AB)
F06a	4525	29-10	0430	Thu	Russian diplo/intel. File 04446 (1056 bytes)	FSK 200/1000	(AB)
F06a	4525	30-10	0430	Fri	Russian diplo/intel. File 04446 (1056 bytes)	FSK 200/1000	(AB)
F06a	5249	1-10	0415	Thu	Russian diplo/intel. File 04442 (928 bytes)	FSK 200/1000	(AB)
F06a	5249	2-10	0415	Fri	Russian diplo/intel. File 04442 (928 bytes)	FSK 200/1000	(AB)
F06a	5249	8-10	0415	Thu	Russian diplo/intel. File 04443 (1088 bytes)	FSK 200/1000	(AB)
F06a	5249	9-10	0415	Fri	Russian diplo/intel. File 04443 (1088 bytes)	FSK 200/1000	(AB)
F06a	5249	15-10	0415	Thu	Russian diplo/intel. File 44444 (1440 bytes)	FSK 200/1000	(AB)
F06a	5249	16-10	0415	Fri	Russian diplo/intel. File 44444 (1440 bytes)	FSK 200/1000	(AB)
F06a	5249	22-10	0415	Thu	Russian diplo/intel. File 04445 (912 bytes)	FSK 200/1000	(AB)
F06a	5249	23-10	0415	Fri	Russian diplo/intel. File 04445 (912 bytes)	FSK 200/1000	(AB)
F06a	5249	29-10	0415	Thu	Russian diplo/intel. File 04446 (1056 bytes)	FSK 200/1000	(AB)
F06a	5249	30-10	0415	Fri	Russian diplo/intel. File 04446 (1056 bytes)	FSK 200/1000	(AB)
F06a	5845	1-10	0400	Thu	Russian diplo/intel. File 04442 (928 bytes)	FSK 200/1000	(AB)
F06a	5845	2-10	0400	Fri	Russian diplo/intel. File 04442 (928 bytes)	FSK 200/1000	(AB)
F06a	5845	8-10	0400	Thu	Russian diplo/intel. File 04443 (1088 bytes)	FSK 200/1000	(AB)
F06a	5845	9-10	0400	Fri	Russian diplo/intel. File 04443 (1088 bytes)	FSK 200/1000	(AB)
F06a	5845	15-10	0400	Thu	Russian diplo/intel. File 44444 (1440 bytes)	FSK 200/1000	(AB)

F06a	5845	16-10	0400	Fri	Russian diplo/intel. File 44444 (1440 bytes)	FSK 200/1000	(AB)
F06a	5845	22-10	0400	Thu	Russian diplo/intel. File 04445 (912 bytes)	FSK 200/1000	(AB)
F06a	5845	23-10	0400	Fri	Russian diplo/intel. File 04445 (912 bytes)	FSK 200/1000	(AB)
F06a	5845	29-10	0400	Thu	Russian diplo/intel. File 04446 (1056 bytes)	FSK 200/1000	(AB)
F06a	5845	30-10	0400	Fri	Russian diplo/intel. File 04446 (1056 bytes)	FSK 200/1000	(AB)
F06a	15747	3-10	1530	Sat	Russian diplo/intel. File 04436 (976 bytes)	FSK 200/1000	(AB/MPJ)
F06a	15747	4-10	1530	Sun	Russian diplo/intel. File 04436 (976 bytes)	FSK 200/1000	(AB/MPJ)
F06a	15747	10-10	1530	Sat	Russian diplo/intel. File 04437 (864 bytes)	FSK 200/1000	(AB/MPJ)
F06a	15747	11-10	1530	Sun	Russian diplo/intel. File 04437 (864 bytes)	FSK 200/1000	(AB/MPJ)
F06a	15747	17-10	1530	Sat	Russian diplo/intel. File 04438 (944 bytes)	FSK 200/1000	(AB/MPJ)
F06a	15747	18-10	1530	Sun	Russian diplo/intel. File 04438 (944 bytes)	FSK 200/1000	(AB/MPJ)
F06a	15747	24-10	1530	Sat	Russian diplo/intel. File 04439 (1056 bytes)	FSK 200/1000	(AB/MPJ)
F06a	15747	25-10	1530	Sun	Russian diplo/intel. File 04439 (1056 bytes)	FSK 200/1000	(AB/MPJ)
F06a	15747	31-10	1530	Sat	Russian diplo/intel. File 04440 (912 bytes)	FSK 200/1000	(AB/MPJ)
F06a	17511	3-10	1515	Sat	Russian diplo/intel. File 04436 (976 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	4-10	1515	Sun	Russian diplo/intel. File 04436 (976 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	10-10	1515	Sat	Russian diplo/intel. File 04437 (864 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	11-10	1515	Sun	Russian diplo/intel. File 04437 (864 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	17-10	1515	Sat	Russian diplo/intel. File 04438 (944 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	18-10	1515	Sun	Russian diplo/intel. File 04438 (944 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	24-10	1515	Sat	Russian diplo/intel. File 04439 (1056 bytes)	FSK 200/1000	(AB-RUS)
F06a	17511	25-10	1515	Sun	Russian diplo/intel. File 04439 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	31-10	1515	Sat	Russian diplo/intel. File 04440 (912 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20875	3-10	1500	Sat	Russian diplo/intel. File 04436 (976 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20875	4-10	1500	Sun	Russian diplo/intel. File 04436 (976 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20875	10-10	1500	Sat	Russian diplo/intel. File 04437 (864 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20875	11-10	1500	Sun	Russian diplo/intel. File 04437 (864 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20875	17-10	1500	Sat	Russian diplo/intel. File 04438 (944 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20875	18-10	1500	Sun	Russian diplo/intel. File 04438 (944 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20875	24-10	1500	Sat	Russian diplo/intel. File 04439 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20875	25-10	1500	Sun	Russian diplo/intel. File 04439 (1056 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	20875	31-10	1500	Sat	Russian diplo/intel. File 04440 (912 bytes)	FSK 200/1000	(AB-RUS/MPJ)
G06	5442	9-10	1930	Fri	947 735 44 21532 53595 12559 ... 58203 12329 14780 735 44 00000	USB	(AB)
G06	5442	23-10	1930	Fri	947 902 45 12435 76426 05698 ... 12346 73416 32442 902 45 00000 Windows XP shutdown sound	USB	(AB)
HM01	9065	4-10	0758	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9065	5-10	0758	Mon	Carrier only till 0856 UTC	AM/RDFT	(AB)
HM01	9065	7-10	0758	Wed	Carrier only till 0852 UTC	AM/RDFT	(AB-USA)
HM01	9065	11-10	0758	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	12-10	0813	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) Comes from 9330 khz	AM/RDFT	(AB)
HM01	9065	16-10	0758	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	21-10	0758	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9065	23-10	0758	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM	(AB)
HM01	9065	25-10	0758	Sun	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM	(AB)
HM01	9065	28-10	0758	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9065	30-10	0758	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM	(AB)
HM01	9155	5-10	0952	Mon	Carrier only till 1050 UTC	AM/RDFT	(AB)
HM01	9155	7-10	0952	Wed	Carrier only till 1030 UTC	AM/RDFT	(AB)

HM01	9155	21-10	0958	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9155	23-10	0958	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9155	25-10	0958	Sun	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9155	26-10	0958	Mon	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9155	28-10	0958	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9155	30-10	0958	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9240	5-10	0858	Mon	Carrier only till 0950 UTC	AM/RDFT	(AB)
HM01	9240	7-10	0854	Wed	Carrier only till 0950 UTC	AM/RDFT	(AB)
HM01	9240	12-10	0858	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	16-10	0858	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	21-10	0858	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9240	23-10	0858	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9240	25-10	0858	Sun	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9240	28-10	0858	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9240	30-10	0858	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9330	4-10	0658	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	5-10	0658	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	9-10	0658	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	9330	11-10	0658	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9330	12-10	0658	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9330	12-10	0758	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) Should be on 9065 kHz	AM/RDFT	(AB)
HM01	9330	23-10	0658	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM	(AB)
HM01	9330	25-10	0658	Sun	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9330	28-10	0658	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	9330	30-10	0658	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM	(AB)
HM01	10715	2-10	2158	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	10715	9-10	2158	Fri	Mix of 01441 68532 35731 30038 48409 70208 (repeat of 3 April) and new groups 66012 17241 10803 16171 10125 67090	AM/RDFT	(RL)
HM01	10715	11-10	2158	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL/Dan)
HM01	10715	12-10	2158	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(Dan)
HM01	10715	14-10	2158	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	10715	16-10	2158	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	10715	18-10	2200	Sun	Carrier only	AM	(Dan)
HM01	10715	21-10	2158	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	10715	23-10	2158	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL/Dan)
HM01	10715	26-10	2158	Mon	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct). From 2245z to 2254z Radio Habana Cuba s audio	AM/RDFT	(Dan/RL)
HM01	10715	28-10	2158	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	10715	30-10	2158	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) mixing two transmissions	AM/RDFT	(RL)
HM01	10860	9-10	0501	Fri	i.p. 01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB-USA)
HM01	11435	1-10	1600	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	2-10	1630	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	3-10	1600	Sat	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	4-10	1600	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	8-10	1630	Thu	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11435	9-10	1600	Fri	Mix of 01441 68532 35731 30038 48409 70208 (repeat of 3 April) and new groups 66012 17241 10803 16171 10125 67090	AM/RDFT	(RR2)

HM01	11435	10-10	1600	Sat	66012 17241 10803 16171 10125 67090 Files 50416601.F1C 20511724.TXT 46251080.TXT 01041617.TXT 74061012.TXT 57856709.TXT (repeat of 9 Oct)	AM/RDFT	(AB-USA)
HM01	11435	10-10	1600	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11435	11-10	1600	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11435	12-10	1600	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11435	13-10	1630	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11435	14-10	1600	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11435	15-10	1630	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11435	16-10	1600	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11435	17-10	1600	Sat	Carrier only	AM	(RR2)
HM01	11435	20-10	1600	Tue	56284 66144 55861 42346 62801 20863	AM/RDFT	(RR2)
HM01	11435	21-10	1600	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RR2)
HM01	11435	22-10	1600	Thu	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RR2)
HM01	11435	23-10	1600	Fri	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RR2)
HM01	11435	24-10	1600	Sat	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RR2)
HM01	11435	25-10	1600	Sun	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RR2)
HM01	11435	26-10	1600	Mon	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RR2)
HM01	11435	29-10	1600	Thu	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RR2)
HM01	11462	22-10	0503	Thu	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct) Late start	AM/RDFT	(AB)
HM01	11530	6-10	1700	Tue	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(AB)
HM01	11530	9-10	1700	Fri	Mix of 01441 68532 35731 30038 48409 70208 (repeat of 3 April) and new groups 66012 17241 10803 16171 10125 67090	AM/RDFT	(RR2)
HM01	11530	17-10	1700	Sat	Carrier only	AM	(RR2)
HM01	11530	28-10	1700	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RR2)
HM01	11530	30-10	1700	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Ohct)	AM/RDFT	(RR2)
HM01	11530	31-10	1658	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) mixing two 9 Oct series	AM/RDFT	(AB-USA)
HM01	11635	2-10	2058	Fri	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RL)
HM01	11635	4-10	2058	Sun	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(Dan/RL)
HM01	11635	5-10	1800	Mon	01441 68532 35731 30038 48409 70208 (repeat of 3 April)	AM/RDFT	(RR2)
HM01	11635	7-10	2200	Wed	01441 68532 35731 30038 48409 70208 (repeat of 3 April) should be on 10715 kHz	AM/RDFT	(RR2)
HM01	11635	9-10	1800	Fri	Mix of 01441 68532 35731 30038 48409 70208 (repeat of 3 April) and new groups 66012 17241 10803 16171 10125 67090	AM/RDFT	(RR2)
HM01	11635	11-10	2058	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	11635	12-10	2058	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(Dan)
HM01	11635	14-10	2058	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	11635	16-10	2059	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL/Dan)
HM01	11635	17-10	1800	Sat	Carrier only	AM	(RR2)
HM01	11635	18-10	2100	Sun	Carrier only	AM	(Dan)
HM01	11635	19-10	2100	Mon	Carrier only	AM	(Dan)
HM01	11635	21-10	2058	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	11635	23-10	2100	Fri	i.p. 56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	11635	26-10	2058	Mon	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	11635	27-10	0758	Tue	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(AB)
HM01	11635	27-10	1830	Tue	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RR2)
HM01	11635	28-10	2058	Wed	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	11635	30-10	1822	Fri	Radio Cuba Habana into the groups and messages of 9 Oct: 66012 17241 10803 16171 10125 67090. At 1828z two trans-missions mixing	AM/RDFT	(AB-USA)

HM01	11635	30-10	2058	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) mixing two transmissions	AM/RDFT	(RL)
HM01	11635	31-10	1758	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) mixing two 9 Oct series	AM/RDFT	(AB-USA/RR2)
HM01	12180	10-10	0958	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	12180	31-10	0958	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) mixing two 9 Oct series	AM/RDFT	(AB-CAN)
HM01	13435	31-10	0658	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) mixing two transmissions	AM/RDFT	(AB-USA)
HM01	16180	10-10	2100	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	16180	13-10	2058	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	16180	15-10	2102	Thu	i.p. 66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	16180	17-10	2100	Sat	Carrier only	AM	(Dan)
HM01	16180	20-10	2057	Tue	56284 66144 55861 42346 62801 20863 Files: 03825628.TXT 05006614.TXT 20845586.TXT 10424234.TXT 12346280.TXT 67562086.TXT	AM/RDFT	(AB/RL/Dan)
HM01	16180	22-10	2102	Thu	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	16180	24-10	2058	Sat	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	16180	27-10	2057	Tue	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	16180	31-10	2058	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) mixing two 9 Oct series	AM/RDFT	(RL)
HM01	17480	10-10	2158	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	17480	13-10	2158	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	17480	15-10	2158	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	17480	17-10	2200	Sat	Carrier only	AM	(Dan)
HM01	17480	20-10	2158	Tue	56284 66144 55861 42346 62801 20863	AM/RDFT	(RL/Dan)
HM01	17480	24-10	2158	Sat	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	17480	27-10	2158	Tue	56284 66144 55861 42346 62801 20863 (repeat of 20 Oct)	AM/RDFT	(RL)
HM01	17480	31-10	2158	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) mixing two 9 Oct series	AM/RDFT	(RL)
M01	5020	1-10	2000	Thu	463 367 367 30 30 == 88484 92061 82486 ... 19239 77017 74463 == 367 367 30 30 000	CW	(AB)
M01	5020	13-10	2000	Tue	463 193 193 = 30 30 == 12091 60864 88698 ... 00830 13201 46139 == 193 193 = 30 30 000	CW	(AB)
M01	5020	15-10	2000	Thu	463 632 632 30 30 82096 87980 51270 ... 20674 96177 36951 == 632 632 30 30 000 Groups 16 to 19 were resent + 1 group added	CW	(AB)
M01	5020	22-10	2000	Thu	463 412 412 = 30 30 == 81259 29537 47349 ... 86954 24607 35880 == 412 412 = 30 30 000	CW	(AB)
M01	5020	29-10	2000	Thu	463 442 442 30 30 == 31317 98675 55462 ... 51693 48349 81578 = 442 442 30 30 000	CW	(AB)
M01	5475	1-10	1800	Thu	463 355 355 30 30 == 66656 57961 95867 ... 35830 27701 43600 == 355 355 30 30 000	CW	(AB-RUS/MPJ)
M01	5475	6-10	1800	Tue	463 750 750 30 30 == 40083 84656 55560 ... 12479 13102 54017 == 750 750 30 30 000	CW	(AB-RUS/MPJ)
M01	5475	8-10	1800	Thu	463 109 109 = 30 30 == 08921 13089 92922 ... 22930 37521 24933 = 109 109 = 30 30 000	CW	(MPJ)
M01	5475	13-10	1800	Tue	463 145 145 = 30 30 == 62472 43408 88425 ... 23558 73114 01245 = 145 145 = 30 30 000	CW	(AB-RUS/MPJ)
M01	5475	15-10	1800	Thu	463 374 374 30 30 == 97237 95481 36787 ... 96252 79442 54939 = 374 374 30 30 000	CW	(AB-RUS/MPJ)
M01	5475	20-10	1800	Tue	463 545 545 30 30 == 74140 84349 16695 ... 83928 40907 48473 = 545 545 30 30 000	CW	(AB-FIN/MPJ)
M01	5475	22-10	1800	Thu	463 743 743 = 30 30 == 53478 03963 39504 ... 94623 37383 16624 = 743 743 = 30 30 000	CW	(AB/MPJ)
M01	5475	27-10	1800	Tue	463 475 475 30 30 == 44343 07874 97462 ... 01873 52529 95438 = 475 475 30 30 000	CW	(AB/MPJ)
M01	5475	29-10	1800	Thu	463 221 221 30 30 == 10650 05522 49058 ... 15740 37788 56358 == 221 221 30 30 000	CW	(AB/MPJ)
M01	6260	3-10	1500	Sat	463 211 211 = 30 30 == 57072 71711 46579 ... 02552 50464 82855 = 211 211 = 30 30 000	CW	(AB/MPJ)
M01	6260	10-10	1500	Sat	463 693 639 == (no group count) 92690 23516 90418 ... 54171 38707 40159 = 693 693 30 30 000	CW	(AB/MPJ)
M01	6260	17-10	1500	Sat	463 173 173 30 30 == 26239 69325 77621 ... 35421 00983 35041 = 173 173 30 30 000	CW	(MPJ)
M01	6260	24-10	1500	Sat	463 369 369 30 30 == 99421 01828 25594 ... 75503 89183 09017 = 369 369 30 30 000	CW	(AB/MPJ/HFD)
M01	6260	31-10	1500	Sat	463 324 324 = 30 30 == 43561 16150 73258 ... 03508 40615 84151 = 324 324 = 30 30 000 Groups 8,9,11,12 were not repeated	CW	(AB/MPJ)
M01	6510	4-10	0659	Sun	Early start 463 217 217 30 30 == 84322 45133 83636 ... 19771 12082 60749 = 217 217 30 30 000	CW	(AB)
M01	6510	11-10	0702	Sun	Late start 463 482 482 30 30 == 25840 76905 45079 ... 22613 60367 05826 = 482 482 30 30 000	CW	(AB)
M01	6510	18-10	0700	Sun	463 534 534 30 30 == 84877 06074 47717 ... 08003 59531 07036 = 534 534 30 30 000	CW	(AB)

M01	6510	25-10	0705	Sun	Late start. Error in the 1st group 463 482 482 30 30 == 2108 26108 12778 74155 ... 95659 24203 75814 == 482 482 30 30 000	CW	(AB)
M01a	5329	28-10	1405	Wed	111 13025 13025 222 13025 13025 333 13025 13025 333 14806 14806 (11x) 333 14106 14106 (2x) 333 15406 15406 (3x) 333 17206 17206	CW	(Gwr)
M01a	5329	28-10	1435	Wed	834 834 834 222 17506 17506 834 834 834 333 17506 17506 (5x)	CW	(Gwr)
M01a	5329	28-10	1510	Wed	333 13045 13045 (4x)	CW	(Gwr)
M12	5764	26-10	2150	Mon	197 197 197 1 170 37 170 37 83489 00735 24485 ... 16494 64270 36958 000 000	CW	(AB/RL)
M12	5764	29-10	2150	Thu	197 197 197 1 170 37 170 37 83489 00735 24485 ... 16494 65270 36958 000 000	CW	(AB/RL)
M12	5794	2-10	2100	Fri	770 770 770 1 169 10 169 10 94765 96323 20863 92698 79759 75691 11425 08292 41766 86743 000 000	CW	(AB)
M12	5794	3-10	2100	Sat	770 770 770 1 169 10 169 10 94765 96323 20863 92698 79759 75691 11425 08292 41766 86743 000 000	CW	(AB)
M12	5794	9-10	2100	Fri	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB)
M12	5794	10-10	2100	Sat	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB)
M12	5794	16-10	2100	Fri	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB/RL/HFD)
M12	5794	17-10	2100	Sat	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB)
M12	5794	23-10	2100	Fri	770 770 770 000	CW	(AB)
M12	5794	24-10	2100	Sat	770 770 770 000	CW	(AB/RL)
M12	5794	30-10	2100	Fri	770 770 770 000	CW	(AB/RL)
M12	5794	31-10	2100	Sat	770 770 770 000	CW	(AB/RL)
M12	6794	2-10	2120	Fri	770 770 770 1 169 10 169 10 94765 96323 20863 92698 79759 75691 11425 08292 41766 86743 000 000	CW	(AB/RL)
M12	6794	3-10	2120	Sat	770 770 770 1 169 10 169 10 94765 96323 20863 92698 79759 75691 11425 08292 41766 86743 000 000	CW	(AB/RL)
M12	6794	9-10	2120	Fri	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB)
M12	6794	10-10	2120	Sat	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB)
M12	6794	16-10	2120	Fri	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB/RL/HFD)
M12	6794	17-10	2120	Sat	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB)
M12	6794	23-10	2120	Fri	770 770 770 000	CW	(AB/RL)
M12	6794	24-10	2120	Sat	770 770 770 000	CW	(AB/RL)
M12	6794	30-10	2120	Fri	770 770 770 000	CW	(AB)
M12	6794	31-10	2120	Sat	770 770 770 000	CW	(AB/RL)
M12	6837	13-10	0030	Tue	802 802 802 000	CW	(AB/RL)
M12	6837	16-10	0030	Fri	802 802 802 000	CW	(AB/RL)
M12	6837	20-10	0030	Tue	802 802 802 1 9243 65 9243 65 33363 78827 74987 ... 43545 74463 41192 000 000	CW	(AB/Danix)
M12	6837	23-10	0030	Fri	802 802 802 1 9243 65 9243 65 33363 78827 74987 ... 43545 74463 41192 000 000	CW	(AB)
M12	6837	27-10	0030	Tue	802 802 802 000	CW	(AB/Danix/RL)
M12	6837	30-10	0030	Fri	802 802 802 000	CW	(AB)
M12	6964	5-10	2130	Mon	197 197 197 000	CW	(RL)
M12	6964	9-10	2130	Fri	197 197 197 000	CW	(RL)
M12	6964	12-10	2130	Mon	197 197 197 000	CW	(AB/RL)
M12	6964	12-10	2130	Mon	197 0	CW	(HFD)
M12	6964	15-10	2130	Thu	197 197 197 000	CW	(AB/RL)
M12	6964	19-10	2130	Mon	197 197 197 000	CW	(AB/RL)
M12	6964	22-10	2130	Thu	197 197 197 000	CW	(AB/RL)
M12	6964	26-10	2130	Mon	197 197 197 1 170 37 170 37 83489 00735 24485 ... 16494 64270 36958 000 000	CW	(AB/RL)
M12	6964	29-10	2130	Thu	197 197 197 1 170 37 170 37 83489 00735 24485 ... 16494 65270 36958 000 000	CW	(AB/RL)
M12	7464	4-10	0500	Sun	413 413 413 000	CW	(AB)
M12	7464	6-10	0500	Tue	413 413 413 000	CW	(AB)
M12	7464	11-10	0500	Sun	413 413 413 000	CW	(AB)
M12	7464	13-10	0500	Tue	413 413 413 1 219 44 219 44 22409 09250 70922 ... 96989 10337 84981 000 000	CW	(AB)

M12	7464	18-10	0500	Sun	413 413 413 1 219 44 219 44 22409 09250 70922 ... 96989 10337 84981 000 000	CW	(AB)
M12	7464	20-10	0500	Tue	413 413 413 000	CW	(HFD)
M12	7464	25-10	0500	Sun	413 413 413 000	CW	(AB)
M12	7464	27-10	0500	Tue	413 413 413 000	CW	(AB)
M12	8037	13-10	0050	Tue	802 802 802 000	CW	(AB/RL)
M12	8037	16-10	0050	Fri	802 802 802 000	CW	(AB/RL)
M12	8037	20-10	0050	Tue	802 802 802 1 9243 65 9243 65 33363 78827 74987 ... 43545 74463 41192 000 000	CW	(AB/Danix)
M12	8037	23-10	0050	Fri	802 802 802 1 9243 65 9243 65 33363 78827 74987 ... 43545 74463 41192 000 000	CW	(AB)
M12	8037	27-10	0050	Tue	802 802 802 000	CW	(AB/Danix/RL)
M12	8037	30-10	0050	Fri	802 802 802 000	CW	(AB)
M12	8094	2-10	2140	Fri	770 770 770 1 169 10 169 10 94765 96323 20863 92698 79759 75691 11425 08292 41766 86743 000 000	CW	(AB/RL)
M12	8094	3-10	2140	Sat	770 770 770 1 169 10 169 10 94765 96323 20863 92698 79759 75691 11425 08292 41766 86743 000 000	CW	(AB/RL)
M12	8094	9-10	2140	Fri	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB)
M12	8094	10-10	2140	Sat	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB)
M12	8094	16-10	2140	Fri	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB/RL/HFD)
M12	8094	17-10	2140	Sat	770 770 770 1 7936 45 7936 45 26722 07675 85383 ... 10676 65937 70873 000 000	CW	(AB)
M12	8118	12-10	2040	Mon	178 178 178 1 282 77 282 77 83861 27278 91481 ... 41234 58238 61405 000 000	CW	(AB/RL)
M12	8118	15-10	2040	Thu	178 178 178 1 282 77 282 77 83861 27278 91481 ... 41234 58238 61405 000 000	CW	(AB/RL)
M12	8118	26-10	2040	Mon	178 178 178 1 195 62 195 62 26103 85692 81200 ... 15904 07738 07271 000 000	CW	(AB/RL)
M12	8118	29-10	2040	Thu	178 178 178 1 195 62 195 62 26103 85692 81200 ... 15904 07738 07271 000 000	CW	(AB/RL)
M12	8136	3-10	2250	Sat	931 931 931 1 (too weak to copy)	CW	(AB)
M12	8136	7-10	2250	Wed	931 931 931 1 9641 148 52521 61624 03479 67340 94436 ... 11291 11114 57765 19877 02050 000 000	CW	(AB/RL)
M12	8136	10-10	2150	Sat	931 1 9641 148 52521 61624 03479 67340 94436 ... 11291 11114 57765 19877 02050 000 000	CW	(RL)
M12	8136	14-10	2250	Wed	931 1 503 202 96634 69711 58593 23183 67440 ... 24054 92763 14532 09011 32845 000 000	CW	(RL)
M12	8136	21-10	2250	Wed	931 931 931 1 187 198 187 198 00743 11076 85608 ... 69293 02327 48905 000 000	CW	(AB/RL)
M12	8136	24-10	2250	Sat	931 931 931 1 187 198 187 198 00743 11076 85608 ... 69293 02327 48905 000 000	CW	(AB/RL)
M12	8136	28-10	2250	Wed	931 931 931 1 5628 210 5628 210 26936 20198 89745 ... 10852 72989 43120 000 000	CW	(AB/RL)
M12	8136	31-10	2250	Sat	931 931 931 1 5628 210 5628 210 26936 20198 89745 ... 10852 72989 43120 000 000	CW	(AB/RL)
M12	8164	4-10	0520	Sun	413 413 413 000	CW	(AB)
M12	8164	5-10	2110	Mon	197 197 197 000	CW	(RL)
M12	8164	6-10	0520	Tue	413 413 413 000	CW	(AB)
M12	8164	9-10	2110	Fri	197 197 197 000	CW	(RL)
M12	8164	11-10	0520	Sun	413 413 413 000	CW	(AB)
M12	8164	12-10	2110	Mon	197 197 197 000	CW	(AB/RL)
M12	8164	12-10	2110	Mon	197 0	CW	(HFD)
M12	8164	13-10	0520	Tue	413 413 413 1 219 44 219 44 22409 09250 70922 ... 96989 10337 84981 000 000	CW	(AB)
M12	8164	15-10	2110	Thu	197 197 197 000	CW	(AB/RL)
M12	8164	18-10	0520	Sun	413 413 413 1 219 44 219 44 22409 09250 70922 ... 96989 10337 84981 000 000	CW	(AB)
M12	8164	19-10	2110	Mon	197 197 197 000	CW	(AB/RL)
M12	8164	20-10	0520	Tue	413 413 413 000	CW	(HFD)
M12	8164	22-10	2110	Thu	197 197 197 000 (R4 instead of 2 minutes)	CW	(AB/RL)
M12	8164	25-10	0520	Sun	413 413 413 000	CW	(AB)
M12	8164	26-10	2110	Mon	197 197 197 1 170 37 170 37 83489 00735 24485 ... 16494 64270 36958 000 000	CW	(AB/RL)
M12	8164	27-10	0520	Tue	413 413 413 000	CW	(AB)
M12	8164	29-10	2110	Thu	197 197 197 1 170 37 170 37 83489 00735 24485 ... 16494 65270 36958 000 000	CW	(AB/RL)
M12	9218	5-10	2020	Mon	178 178 178 000	CW	(AB/RL)
M12	9218	8-10	2020	Thu	178 178 178 000	CW	(AB/RL)

M12	9218	12-10	2020	Mon	178 178 178 1 282 77 282 77 83861 27278 91481 ... 41234 58238 61405 000 000	CW	(AB/RL)
M12	9218	15-10	2020	Thu	178 178 178 1 282 77 282 77 83861 27278 91481 ... 41234 58238 61405 000 000	CW	(AB/RL)
M12	9218	19-10	2020	Mon	178 178 178 000	CW	(AB/RL)
M12	9218	22-10	2020	Thu	178 178 178 000	CW	(AB/RL)
M12	9218	26-10	2020	Mon	178 178 178 1 195 62 195 62 26103 85692 81200 ... 15904 07738 07271 000 000	CW	(AB/RL)
M12	9218	29-10	2020	Thu	178 178 178 1 195 62 195 62 26103 85692 81200 ... 15904 07738 07271 000 000	CW	(AB/RL)
M12	9237	20-10	0110	Tue	802 802 802 1 9243 65 9243 65 33363 78827 74987 ... 43545 74463 41192 000 000	CW	(AB/Danix)
M12	9237	23-10	0110	Fri	802 802 802 1 9243 65 9243 65 33363 78827 74987 ... 43545 74463 41192 000 000	CW	(AB)
M12	9317	6-10	0530	Tue	135 135 135 1 9785 104 9785 104 72261 48925 50583 ... 85018 95280 53581 000 000	CW	(AB)
M12	9317	13-10	0530	Tue	135 135 135 1 7712 111 7712 111 60516 31914 ... 47038 70128 65463 000 000	CW	(AB)
M12	9317	27-10	0530	Tue	135 135 135 1 4723 104 4723 104 53057 83266 94816 ... 86488 02174 95480 000 000	CW	(AB)
M12	9327	7-10	1850	Wed	938 938 938 1 7508 77 7508 77 03772 44755 51720 ... 05327 16189 18676 000 000	CW	(AB/MPJ)
M12	9327	14-10	1850	Wed	338 938 938 1 5145 74 5145 74 23096 66679 71508 ... 41467 21835 96755 000 000	CW	(AB/MPJ)
M12	9327	21-10	1850	Wed	938 938 938 1 8713 78 8713 78 37684 72826 56247 ... 48242 17244 69772 000 000	CW	(AB/MPJ)
M12	9327	28-10	1850	Wed	938 938 938 1 7760 77 7760 77 36536 85413 59414 ... 79698 63885 02983 000 000	CW	(AB/MPJ)
M12	9336	7-10	2230	Wed	931 931 931 1 9641 148 52521 61624 03479 67340 94436 ... 11291 11114 57765 19877 02050 000 000	CW	(RL)
M12	9336	10-10	2230	Sat	931 1 9641 148 52521 61624 03479 67340 94436 ... 11291 11114 57765 19877 02050 000 000	CW	(RL)
M12	9336	14-10	2230	Wed	931 1 503 202 96634 69711 58593 23183 67440 ... 24054 92763 14532 09011 32845 000 000	CW	(RL)
M12	9336	21-10	2230	Wed	931 931 931 1 187 198 187 198 00743 11076 85608 ... 69293 02327 48905 000 000	CW	(AB/RL)
M12	9336	24-10	2230	Sat	931 931 931 1 187 198 187 198 00743 11076 85608 ... 69293 02327 48905 000 000	CW	(RL)
M12	9336	28-10	2230	Wed	931 931 931 1 5628 210 5628 210 26936 20198 89745 ... 10852 72989 43120 000 000	CW	(AB/RL)
M12	9336	31-10	2230	Sat	931 931 931 1 5628 210 5628 210 26936 20198 89745 ... 10852 72989 43120 000 000	CW	(AB/RL)
M12	9364	13-10	0540	Tue	413 413 413 1 219 44 219 44 22409 09250 70922 ... 96989 10337 84981 000 000	CW	(AB)
M12	9364	18-10	0610	Sun	413 413 413 1 219 44 219 44 22409 09250 70922 ... 96989 10337 84981 000 000	CW	(AB)
M12	9384	2-10	2010	Fri	930 930 930 000	CW	(AB)
M12	9384	7-10	2010	Wed	930 930 930 000	CW	(AB/RL)
M12	9384	9-10	2010	Fri	930 930 930 000	CW	(AB)
M12	9384	14-10	2010	Wed	930 930 930 000	CW	(AB/RL/HFD)
M12	9384	16-10	2010	Fri	930 930 930 000	CW	(AB/RL)
M12	9384	21-10	2010	Wed	930 930 930 000	CW	(AB/RL)
M12	9384	23-10	2010	Fri	930 930 930 000	CW	(AB/RL)
M12	9384	28-10	2010	Wed	930 930 930 000	CW	(AB/RL)
M12	9384	30-10	2010	Fri	930 930 930 000	CW	(AB/RL)
M12	10318	5-10	2000	Mon	178 178 178 000	CW	(AB/RL)
M12	10318	8-10	2000	Thu	178 178 178 000	CW	(AB/RL)
M12	10318	12-10	2000	Mon	178 178 178 1 282 77 282 77 83861 27278 91481 ... 41234 58238 61405 000 000	CW	(AB/RL)
M12	10318	15-10	2000	Thu	178 178 178 1 282 77 282 77 83861 27278 91481 ... 41234 58238 61405 000 000	CW	(AB/RL)
M12	10318	19-10	2000	Mon	178 178 178 000	CW	(AB/RL)
M12	10318	22-10	2000	Thu	178 178 178 000	CW	(AB/RL)
M12	10318	26-10	2000	Mon	178 178 178 1 195 62 195 62 26103 85692 81200 ... 15904 07738 07271 000 000	CW	(AB/RL)
M12	10318	29-10	2000	Thu	178 178 178 1 195 62 195 62 26103 85692 81200 ... 15904 07738 07271 000 000	CW	(AB/RL)
M12	10484	6-10	0550	Tue	135 135 135 1 9785 104 9785 104 72261 48925 50583 ... 85018 95280 53581 000 000	CW	(AB)
M12	10484	13-10	0550	Tue	135 135 135 1 7712 111 7712 111 60516 31914 ... 47038 70128 65463 000 000	CW	(AB)
M12	10484	27-10	0550	Tue	135 135 135 1 4723 104 4723 104 53057 83266 94816 ... 86488 02174 95480 000 000	CW	(AB)
M12	10598	7-10	1830	Wed	938 938 938 1 7508 77 7508 77 03772 44755 51720 ... 05327 16189 18676 000 000	CW	(AB/MPJ)
M12	10598	14-10	1830	Wed	338 938 938 1 5145 74 5145 74 23096 66679 71508 ... 41467 21835 96755 000 000	CW	(AB/MPJ)
M12	10598	21-10	1830	Wed	938 938 938 1 8713 78 8713 78 37684 72826 56247 ... 48242 17244 69772 000 000	CW	(AB/MPJ)

M12	10598	28-10	1830	Wed	938 938 938 1 7760 77 7760 77 36536 85413 59414 ... 79698 63885 02983 000 000	CW	(AB/MPJ)
M12	10624	6-10	0800	Tue	492 492 492 1 6432 99 6432 99 61769 70757 48282 ... 53186 97352 87229 000 000	CW	(AB)
M12	10624	13-10	0800	Tue	492 492 492 1 6487 102 6487 102 88758 97584 79381 ... 21408 40322 63895 000 000	CW	(AB)
M12	10711	7-10	1750	Wed	546 546 546 1 2972 104 2972 104 02640 52335 99701 ... 28751 19570 35932 000 000	CW	(AB/MPJ)
M12	10711	8-10	1740	Thu	546 546 546 1 1110 109 1110 107 27606 78841 96273 ... 93754 36619 00352 000 000	CW	(AB)
M12	10711	8-10	1840	Thu	546 546 546 1 3847 107 3847 107 51963 44971 61223 ... 27858 58632 87511 000 000	CW	(AB)
M12	10711	14-10	1750	Wed	546 546 546 1 4059 107 4059 107 52317 99513 90447 ... 09370 18799 78389 000 000	CW	(AB)
M12	10711	15-10	1740	Thu	546 546 546 1 2721 105 2721 105 36271 86485 82780 ... 93096 97783 01301 000 000	CW	(AB-FIN/MPJ)
M12	10711	15-10	1840	Thu	546 546 546 1 9007 104 9007 104 23583 28268 51671 ... 62361 22061 81475 000 000	CW	(AB-RUS)
M12	10711	21-10	1750	Wed	546 546 546 1 3667 113 3667 113 58651 39157 28796 ... 37823 07982 26683 000 000	CW	(AB/MPJ)
M12	10711	22-10	1740	Thu	546 546 546 1 3109 108 3109 108 27753 24365 54640 ... 16997 12820 50142 000 000	CW	(AB)
M12	10711	22-10	1840	Thu	546 546 546 1 2180 111 2180 111 52062 78892 69909 ... 04434 15452 55768 000 000	CW	(AB)
M12	10711	28-10	1750	Wed	546 546 546 1 8764 112 8764 112 18207 91215 81535 ... 94055 62712 25313 000 000	CW	(AB)
M12	10711	29-10	1740	Thu	546 546 546 1 3641 106 3641 106 10535 06028 82936 ... 44000 42505 89628 000 000	CW	(AB)
M12	10711	29-10	1840	Thu	546 546 546 1 6763 106 6763 106 25367 28014 37743 ... 40324 63265 88270 000 000	CW	(AB/MPJ)
M12	10936	7-10	2210	Wed	931 931 931 1 9641 148 52521 61624 03479 67340 94436 ... 11291 11114 57765 19877 02050 000 000	CW	(RL)
M12	10936	10-10	2210	Sat	931 1 9641 148 52521 61624 03479 67340 94436 ... 11291 11114 57765 19877 02050 000 000	CW	(RL)
M12	10936	14-10	2210	Wed	931 1 503 202 96634 69711 58593 23183 67440 ... 24054 92763 14532 09011 32845 000 000	CW	(RL)
M12	10936	21-10	2210	Wed	931 931 931 1 187 198 187 198 00743 11076 85608 ... 69293 02327 48905 000 000	CW	(AB/RL)
M12	10936	24-10	2210	Sat	931 931 931 1 187 198 187 198 00743 11076 85608 ... 69293 02327 48905 000 000	CW	(RL)
M12	10936	28-10	2210	Wed	931 931 931 1 5628 210 5628 210 26936 20198 89745 ... 10852 72989 43120 000 000	CW	(RL)
M12	10936	31-10	2210	Sat	931 931 931 1 5628 210 5628 210 26936 20198 89745 ... 10852 72989 43120 000 000	CW	(AB/RL)
M12	10984	2-10	1950	Fri	930 930 930 000	CW	(AB)
M12	10984	7-10	1950	Wed	930 930 930 000	CW	(AB/RL)
M12	10984	9-10	1950	Fri	930 930 930 000	CW	(AB)
M12	10984	14-10	1950	Wed	930 930 930 000	CW	(AB/RL/HFD)
M12	10984	16-10	1950	Fri	930 930 930 000	CW	(AB/RL)
M12	10984	21-10	1950	Wed	930 930 930 000	CW	(AB/RL)
M12	10984	23-10	1950	Fri	930 930 930 000	CW	(AB/RL)
M12	10984	28-10	1950	Wed	930 930 930 000	CW	(AB/RL)
M12	10984	30-10	1950	Fri	930 930 930 000	CW	(AB/RL)
M12	11435	7-10	1810	Wed	938 938 938 1 7508 77 7508 77 03772 44755 51720 ... 05327 16189 18676 000 000	CW	(AB/MPJ)
M12	11435	14-10	1810	Wed	338 938 938 1 5145 74 5145 74 23096 66679 71508 ... 41467 21835 96755 000 000	CW	(AB/MPJ)
M12	11435	21-10	1810	Wed	938 938 938 1 8713 78 8713 78 37684 72826 56247 ... 48242 17244 69772 000 000	CW	(AB/MPJ)
M12	11435	28-10	1810	Wed	938 938 938 1 7760 77 7760 77 36536 85413 59414 ... 79698 63885 02983 000 000	CW	(AB/MPJ)
M12	11449	6-10	0820	Tue	492 492 492 1 6432 99 6432 99 61769 70757 48282 ... 53186 97352 87229 000 000	CW	(AB)
M12	11449	13-10	0820	Tue	492 492 492 1 6487 102 6487 102 88758 97584 79381 ... 21408 40322 63895 000 000	CW	(AB)
M12	11552	6-10	0610	Tue	135 135 135 1 9785 104 9785 104 72261 48925 50583 ... 85018 95280 53581 000 000	CW	(AB)
M12	11552	13-10	0610	Tue	135 135 135 1 7712 111 7712 111 60516 31914 ... 47038 70128 65463 000 000	CW	(AB)
M12	11552	27-10	0610	Tue	135 135 135 1 4723 104 4723 104 53057 83266 94816 ... 86488 02174 95480 000 000	CW	(AB)
M12	11566	7-10	1730	Wed	546 546 546 1 2972 104 2972 104 02640 52335 99701 ... 28751 19570 35932 000 000	CW	(AB/MPJ)
M12	11566	8-10	1720	Thu	546 546 546 1 1110 109 1110 107 27606 78841 96273 ... 93754 36619 00352 000 000	CW	(AB)
M12	11566	8-10	1820	Thu	546 546 546 1 3847 107 3847 107 51963 44971 61223 ... 27858 58632 87511 000 000	CW	(AB)
M12	11566	14-10	1730	Wed	546 546 546 1 4059 107 4059 107 52317 99513 90447 ... 09370 18799 78389 000 000	CW	(AB)
M12	11566	15-10	1720	Thu	546 546 546 1 2721 105 2721 105 36271 86485 82780 ... 93096 97783 01301 000 000	CW	(AB-ROU/MPJ)
M12	11566	15-10	1820	Thu	546 546 546 1 9007 104 9007 104 23583 28268 51671 ... 62361 22061 81475 000 000	CW	(AB-RUS)
M12	11566	21-10	1730	Wed	546 546 546 1 3667 113 3667 113 58651 39157 28796 ... 37823 07982 26683 000 000	CW	(AB/MPJ)

M12	11566	22-10	1720	Thu	546 546 546 1 3109 108 3109 108 27753 24365 54640 ... 16997 12820 50142 000 000	CW	(AB)
M12	11566	22-10	1820	Thu	546 546 546 1 2180 111 2180 111 52062 78892 69909 ... 04434 15452 55768 000 000	CW	(AB)
M12	11566	28-10	1730	Wed	546 546 546 1 8764 112 8764 112 18207 91215 81535 ... 94055 62712 25313 000 000	CW	(AB)
M12	11566	29-10	1720	Thu	546 546 546 1 3641 106 3641 106 10535 06028 82936 ... 44000 42505 89628 000 000	CW	(AB)
M12	11566	29-10	1820	Thu	546 546 546 1 6763 106 6763 106 25367 28014 37743 ... 40324 63265 88270 000 000	CW	(AB/MPJ)
M12	12114	5-10	1340	Mon	317 317 317 1 3632 97 3632 97 85859 04792 63902 ... 58459 73388 44517 000 000	CW	(AB/MPJ)
M12	12114	8-10	2040	Thu	317 317 317 22 8322 107 8322 107 97818 83256 62121 ... 92541 27326 75948 000 000	CW	(AB)
M12	12114	12-10	1340	Mon	3017 317 317 1 1509 101 1509 101 57598 55304 03302 ... 34456 43807 12064 000 000	CW	(AB/MPJ)
M12	12114	15-10	2040	Thu	317 317 317 1 9647 110 9647 110 84181 21816 61097 ... 46598 48607 02772 000 000	CW	(AB)
M12	12114	19-10	1340	Mon	317 317 317 1 7737 102 7737 102 92416 49717 48816 ... 43669 41903 17199 000 000	CW	(AB/MPJ)
M12	12114	22-10	2040	Thu	317 317 317 1 6206 106 6206 106 10305 71353 14137 ... 14431 90902 81122 000 000	CW	(AB-RUS)
M12	12114	26-10	1340	Mon	317 317 317 1 3435 99 3435 99 74704 84161 43397 ... 32138 81840 10749 000 000	CW	(AB)
M12	12114	29-10	2040	Thu	317 317 317 1 7686 110 7686 110 61278 23740 05091 ... 42842 21760 75471 000 000	CW	(AB-RUS)
M12	12133	6-10	0840	Tue	492 492 492 1 6432 99 6432 99 61769 70757 48282 ... 53186 97352 87229 000 000	CW	(AB)
M12	12133	13-10	0840	Tue	492 492 492 1 6487 102 6487 102 88758 97584 79381 ... 21408 40322 63895 000 000	CW	(AB)
M12	12162	7-10	1710	Wed	546 546 546 1 2972 104 2972 104 02640 52335 99701 ... 28751 19570 35932 000 000	CW	(AB/MPJ)
M12	12162	8-10	1700	Thu	546 546 546 1 1110 109 1110 107 27606 78841 96273 ... 93754 36619 00352 000 000	CW	(AB)
M12	12162	8-10	1800	Thu	546 546 546 1 3847 107 3847 107 51963 44971 61223 ... 27858 58632 87511 000 000	CW	(AB)
M12	12162	14-10	1710	Wed	546 546 546 1 4059 107 4059 107 52317 99513 90447 ... 09370 18799 78389 000 000	CW	(AB)
M12	12162	15-10	1700	Thu	546 546 546 1 2721 105 2721 105 36271 86485 82780 ... 93096 97783 01301 000 000	CW	(AB-ROU/MPJ)
M12	12162	15-10	1800	Thu	546 546 546 1 9007 104 9007 104 23583 28268 51671 ... 62361 22061 81475 000 000	CW	(AB-ROU)
M12	12162	21-10	1710	Wed	546 546 546 1 3667 113 3667 113 58651 39157 28796 ... 37823 07982 26683 000 000	CW	(AB/MPJ)
M12	12162	22-10	1700	Thu	546 546 546 1 3109 108 3109 108 27753 24365 54640 ... 16997 12820 50142 000 000	CW	(AB)
M12	12162	22-10	1800	Thu	546 546 546 1 2180 111 2180 111 52062 78892 69909 ... 04434 15452 55768 000 000	CW	(AB)
M12	12162	28-10	1710	Wed	546 546 546 1 8764 112 8764 112 18207 91215 81535 ... 94055 62712 25313 000 000	CW	(AB)
M12	12162	29-10	1700	Thu	546 546 546 1 3641 106 3641 106 10535 06028 82936 ... 44000 42505 89628 000 000	CW	(AB)
M12	12162	29-10	1800	Thu	546 546 546 1 6763 106 6763 106 25367 28014 37743 ... 40324 63265 88270 000 000	CW	(AB/MPJ)
M12	12216	7-10	1250	Wed	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ)
M12	12216	9-10	1250	Fri	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ)
M12	12216	14-10	1250	Wed	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ)
M12	12216	16-10	1250	Fri	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ/HFD)
M12	12216	21-10	1250	Wed	442 442 442 1 7276 45 7276 45 78845 69894 22654 ... 05158 31214 74455 000 000	CW	(AB)
M12	12216	23-10	1250	Fri	442 442 442 1 7276 45 7276 45 78845 69894 22654 ... 05158 31214 74455 000 000	CW	(AB/MPJ)
M12	13416	2-10	1230	Fri	442 442 442 000	CW	(AB)
M12	13416	7-10	1230	Wed	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ)
M12	13416	9-10	1230	Fri	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ)
M12	13416	14-10	1230	Wed	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ)
M12	13416	16-10	1230	Fri	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ/HFD)
M12	13416	21-10	1230	Wed	442 442 442 1 7276 45 7276 45 78845 69894 22654 ... 05158 31214 74455 000 000	CW	(AB)
M12	13416	23-10	1230	Fri	442 442 442 1 7276 45 7276 45 78845 69894 22654 ... 05158 31214 74455 000 000	CW	(AB/MPJ)
M12	13461	5-10	1320	Mon	317 317 317 1 3632 97 3632 97 85859 04792 63902 ... 58459 73388 44517 000 000	CW	(AB/MPJ)
M12	13461	8-10	2020	Thu	317 317 317 22 8322 107 8322 107 97818 83256 62121 ... 92541 27326 75948 000 000	CW	(AB)
M12	13461	12-10	1320	Mon	3017 317 317 1 1509 101 1509 101 57598 55304 03302 ... 34456 43807 12064 000 000	CW	(AB/MPJ)
M12	13461	15-10	2020	Thu	317 317 317 1 9647 110 9647 110 84181 21816 61097 ... 46598 48607 02772 000 000	CW	(AB)
M12	13461	19-10	1320	Mon	317 317 317 1 7737 102 7737 102 92416 49717 48816 ... 43669 41903 17199 000 000	CW	(AB/MPJ)
M12	13461	22-10	2020	Thu	317 317 317 1 6206 106 6206 106 10305 71353 14137 ... 14431 90902 81122 000 000	CW	(AB-RUS)
M12	13461	26-10	1320	Mon	317 317 317 1 3435 99 3435 99 74704 84161 43397 ... 32138 81840 10749 000 000	CW	(AB)

M12	13461	29-10	2020	Thu	317 317 317 1 7686 110 7686 110 61278 23740 05091 ... 42842 21760 75471 000 000	CW	(AB-RUS)
M12	14377	5-10	1300	Mon	317 317 317 1 3632 97 3632 97 85859 04792 63902 ... 58459 73388 44517 000 000	CW	(AB/MPJ)
M12	14377	8-10	2000	Thu	317 317 317 22 8322 107 8322 107 97818 83256 62121 ... 92541 27326 75948 000 000	CW	(AB)
M12	14377	12-10	1300	Mon	3017 317 317 1 1509 101 1509 101 57598 55304 03302 ... 34456 43807 12064 000 000	CW	(AB/MPJ)
M12	14377	15-10	2000	Thu	317 317 317 1 9647 110 9647 110 84181 21816 61097 ... 46598 48607 02772 000 000	CW	(AB)
M12	14377	19-10	1300	Mon	317 317 317 1 7737 102 7737 102 92416 49717 48816 ... 43669 41903 17199 000 000	CW	(AB/MPJ)
M12	14377	22-10	2000	Thu	317 317 317 1 6206 106 6206 106 10305 71353 14137 ... 14431 90902 81122 000 000	CW	(AB-RUS)
M12	14377	26-10	1300	Mon	317 317 317 1 3435 99 3435 99 74704 84161 43397 ... 32138 81840 10749 000 000	CW	(AB)
M12	14377	29-10	2000	Thu	317 317 317 1 7686 110 7686 110 61278 23740 05091 ... 42842 21760 75471 000 000	CW	(AB-RUS)
M12	14416	2-10	1210	Fri	442 442 442 000	CW	(AB)
M12	14416	7-10	1210	Wed	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ)
M12	14416	9-10	1210	Fri	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ)
M12	14416	14-10	1210	Wed	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ)
M12	14416	16-10	1210	Fri	442 442 442 1 452 56 452 56 03771 69752 34299 ... 11623 07953 07568 000 000	CW	(AB/MPJ/HFD)
M12	14416	21-10	1210	Wed	442 442 442 1 7276 45 7276 45 78845 69894 22654 ... 05158 31214 74455 000 000	CW	(AB)
M12	14416	23-10	1210	Fri	442 442 442 1 7276 45 7276 45 78845 69894 22654 ... 05158 31214 74455 000 000	CW	(AB/MPJ)
M12	14518	20-10	0140	Tue	285 285 295 1 432 180 432 180 43430 31226 40998 ... 07422 93037 91696 000 000	CW	(Danix-RUS)
M12	14518	27-10	0140	Tue	295 295 295 1 8472 188 8472 188 76515 19713 06222 ... 22756 15517 59568 000 000	CW	(Danix-KOR)
M12	15918	20-10	0120	Tue	285 285 295 1 432 180 432 180 43430 31226 40998 ... 07422 93037 91696 000 000	CW	(Danix-RUS)
M12	15918	27-10	0120	Tue	295 295 295 1 8472 188 8472 188 76515 19713 06222 ... 22756 15517 59568 000 000	CW	(Danix-KOR)
M12	15929	19-10	0050	Mon	429 429 429 1 816 166 816 166 39205 89232 22528 ... 06446 47459 88667 000 000	CW	(Danix-RUS)
M12	15929	27-10	0050	Tue	429 429 429 1 1047 200 1047 200 33035 74421 54141 ... 58466 20659 32266 000 000	CW	(Danix-KOR)
M12	16218	20-10	0100	Tue	285 285 295 1 432 180 432 180 43430 31226 40998 ... 07422 93037 91696 000 000	CW	(Danix-RUS)
M12	16218	27-10	0100	Tue	295 295 295 1 8472 188 8472 188 76515 19713 06222 ... 22756 15517 59568 000 000	CW	(Danix-KOR)
M12	16229	19-10	0030	Mon	429 429 429 1 816 166 816 166 39205 89232 22528 ... 06446 47459 88667 000 000	CW	(Danix-RUS)
M12	16229	27-10	0030	Tue	429 429 429 1 1047 200 1047 200 33035 74421 54141 ... 58466 20659 32266 000 000	CW	(Danix-KOR)
M12	17429	19-10	0010	Mon	429 429 429 1 816 166 816 166 39205 89232 22528 ... 06446 47459 88667 000 000	CW	(Danix-RUS)
M12	17429	27-10	0010	Tue	429 429 429 1 1047 200 1047 200 33035 74421 54141 ... 58466 20659 32266 000 000	CW	(Danix-KOR)
M12	17441	11-10	0800	Sun	462 462 462 1 182 87 182 87 33075 08271 94140 ... 67333 01598 29114 000 000	CW	(AB)
M12	17441	14-10	0800	Wed	462 462 462 000	CW	(AB)
M12	17441	18-10	0800	Sun	462 462 462 000	CW	(AB)
M12	17441	21-10	0800	Wed	462 462 462 000	CW	(AB/HFD)
M12	17441	25-10	0800	Sun	462 462 462 000	CW	(AB)
M12	17441	28-10	0800	Wed	462 462 462 1 525 121 525 121 04065 11259 03748 ... 53460 58730 73757 000 000	CW	(AB)
M12	18641	11-10	0820	Sun	462 462 462 1 182 87 182 87 33075 08271 94140 ... 67333 01598 29114 000 000	CW	(AB)
M12	18641	14-10	0820	Wed	462 462 462 000	CW	(AB)
M12	18641	18-10	0820	Sun	462 462 462 000	CW	(AB)
M12	18641	21-10	0820	Wed	462 462 462 000	CW	(AB/HFD)
M12	18641	25-10	0820	Sun	462 462 462 000	CW	(AB)
M12	18641	28-10	0820	Wed	462 462 462 1 525 121 525 121 04065 11259 03748 ... 53460 58730 73757 000 000	CW	(AB-RUS)
M12	19241	11-10	0840	Sun	462 462 462 1 182 87 182 87 33075 08271 94140 ... 67333 01598 29114 000 000	CW	(AB)
M12	19241	28-10	0820	Wed	462 462 462 1 525 121 525 121 04065 11259 03748 ... 53460 58730 73757 000 000	CW	(AB-RUS)
M14	4650	3-10	0900	Sat	523 191 191 32 32 = = 16432 76541 81490 ... 72435 76345 63190 = = 191 191 32 32 00000	MCW	(AB-RUS)
M14	4650	10-10	0900	Sat	523 153 153 31 31 = = 67563 89786 18952 ... 87451 09125 73598 = = 153 153 31 31 00000	MCW	(AB-RUS)
M14	4650	17-10	0900	Sat	523 586 586 30 30 = = 30859 27712 46500 ... 27679 79390 37648 = = 586 586 30 30 00000	MCW	(AB-RUS)
M14	4650	24-10	0900	Sat	523 372 372 30 30 = = 09043 64812 37447 ... 00774 28656 95287 = = 372 372 30 30 00000	MCW	(AB-RUS)
M14	4650	31-10	0900	Sat	no transmission	MCW	(AB-RUS)

M14	4730	3-10	0800	Sat	523 191 191 32 32 == 16432 76541 81490 ... 72435 76345 63190 == 191 191 32 32 00000	MCW	(AB-RUS)
M14	4730	10-10	0800	Sat	523 153 153 31 31 == 67563 89786 18952 ... 87451 09125 73598 == 153 153 31 31 00000	MCW	(AB-RUS)
M14	4730	17-10	0800	Sat	523 586 586 30 30 == 30859 27712 46500 ... 27679 79390 37648 == 586 586 30 30 00000	MCW	(AB-RUS)
M14	4730	24-10	0800	Sat	523 372 372 30 30 == 09043 64812 37447 ... 00774 28656 95287 == 372 372 30 30 00000	MCW	(AB-RUS)
M14	4730	31-10	0800	Sat	523 309 309 30 30 == 89597 82011 91832 ... 20959 35455 97996 == 309 309 30 30 00000 7	MCW	(AB-RUS)
M14	5462	14-10	1920	Wed	537 516 516 30 30 == 63718 26734 84662 ... 29850 37642 60908 == 516 516 30 30 00000	MCW	(AB)
M14	5463	28-10	1920	Wed	537 731 731 32 32 == 56123 89675 06753 ... 56789 10123 73104 == 731 731 32 32 00000	MCW	(AB/MPJ)
M14	5937	13-10	1820	Tue	346 (no preamble) 63718 26734 84662 ... 29850 37642 60908 == 516 516 30 30 00000	MCW	(AB)
M14	5947	27-10	1820	Tue	346 731 731 32 32 == 56123 89675 06753 ... 56789 10123 73104 == 731 731 32 32 00000	MCW	(AB/MPJ)
M14	6792	27-10	1522	Tue	i.p. 22583 27016 26051 ... 92808 37650 21295 == 452 452 36 36 00000	CW	(AB)
M14	17458	25-10	0930	Sun	617 617 617 00000	CW	(AB/HFD)
M21	4639.5	31-10	0900	Sat	=17099716154800 =991201??0???? =991202?0???? =17099716159402 =17099716159402	CW	(AB-RUS)
M21	4639.5	31-10	0935	Sat	=991235??0???? =17099716159436 =17099716159436 =991237??0???? =991238??0????	CW	(AB-RUS)
M21	4639.5	31-10	1321	Sat	=991621??0???? =991622??0???? =991623??0????	CW	(AB-RUS)
M21	5732.5	2-10	2025	Fri	=992325??8????	CW	(F50IH)
M21	5732.5	31-10	1334	Sat	=991634??8???? =991635??8???? =991636??8????	CW	(AB-RUS)
M22	6607	2-10	1648	Fri	i.p. AA GR 021 == XLNXP == NR 52 DB V LW3S 530 120 EFOU GR 121 == AR AR VVV DE 4XZ 4XZ ==	CW	(AB)
M22	6607	26-10	1745	Mon	i.p. VVV DE 4XZ 4XZ == AR NW QTC NR 346 DE = NR 346 JU V QA4T 616162 RZ6H GR 95 ==	CW	(AB)
M23	5345	20-10	1915	Tue	30S	CW	(Abder)
M23	5345	21-10	1817	Wed	30S (R15)	CW	(AB)
M23	5345	21-10	1857	Wed	30S (R15)	CW	(AB)
M23	5345	22-10	1817	Thu	30S (R15)	CW	(AB)
M23	5345	22-10	1857	Thu	30S (R15)	CW	(AB)
M23	5345	23-10	1817	Fri	30S (R15)	CW	(AB)
M23	5345	23-10	1858	Fri	30S (R17)	CW	(AB)
M23	5345	24-10	1817	Sat	30S (R15)	CW	(AB)
M23	5345	24-10	1857	Sat	30S (R15)	CW	(AB)
M23	5345	25-10	1817	Sun	30S (R15)	CW	(AB/MPJ)
M23	5345	25-10	1857	Sun	30S (R15)	CW	(AB/MPJ)
M23	5345	26-10	1813	Mon	30S (R15)	CW	(AB)
M23	5345	26-10	1858	Mon	30S (R15)	CW	(AB)
M23	5345	27-10	1817	Tue	30S (R15)	CW	(AB)
M23	5345	27-10	1858	Tue	30S (R15)	CW	(AB)
M23	5345	28-10	1818	Wed	30S (R15)	CW	(AB)
M23	5345	28-10	1858	Wed	30S (R15)	CW	(AB)
M23	8166	19-10	1610	Mon	SET i.p.	CW	(Abder)
M23	8166	21-10	1545	Wed	SET	CW	(Abder)
M23	8166	22-10	1545	Thu	SET (R28)	CW	(AB)
M23	8166	22-10	1627	Thu	SET (R28)	CW	(AB)
M23	8166	23-10	1542	Fri	SET (R30)	CW	(AB)
M23	8166	23-10	1627	Fri	SET (R30)	CW	(AB)
M23	8166	24-10	1543	Sat	SET (R30)	CW	(AB)
M23	8166	24-10	1628	Sat	SET (R30)	CW	(AB)
M23	8166	25-10	1543	Sun	SET (R30)	CW	(AB/MPJ)
M23	8166	25-10	1627	Sun	SET (R30)	CW	(AB/MPJ)
M23	8166	26-10	1543	Mon	SET (R30)	CW	(AB)
M23	8166	26-10	1628	Mon	SET (R30)	CW	(AB)

M23	8166	27-10	1543	Tue	SET (R30)	CW	(AB)
M23	8166	27-10	1628	Tue	SET (R30)	CW	(AB)
M23	8166	28-10	1543	Wed	SET (R30)	CW	(AB)
M23	8166	28-10	1628	Wed	SET (R30)	CW	(AB)
M23	10184	25-10	0802	Sun	OTE i.p. (R26?)	CW	(Danix/Phi)
M23	10184	26-10	0758	Mon	OTE (R30)	CW	(AB)
M23	10184	26-10	0858	Mon	ST3 (R20)	CW	(AB)
M23	10184	27-10	0758	Tue	OTE (R30)	CW	(AB)
M23	10184	27-10	0858	Tue	ST3 (R20)	CW	(AB)
M23	10184	28-10	0758	Wed	OTE (R30)	CW	(AB)
M23	10184	28-10	0858	Wed	ST3 (R20)	CW	(AB)
M23	10184	29-10	0758	Thu	OTE (R30)	CW	(AB)
M23	10184	29-10	0858	Thu	ST3 (R20)	CW	(AB)
M32	3386	26-10	1543	Mon	XXX XXX 8S1Q 8S1Q SBYTOSEV 212 ChESTNOST' 251 (S30 CW channel)	CW	(Gwr)
M32	3386	26-10	1735	Mon	8S1Shch 83441 ASSONANS 52911 84677 (S30 CW channel)	CW	(Gwr)
M32	3895	21-10	1552	Wed	ZhZFY SBYTOSYeV 112 ChYeSTNOST' 151 (S32 morse channel)	CW	(Gwr)
M32	4286	28-10	1347	Wed	XXX XXX OT'9 OT'9 28791 (rest not copied)	CW	(Gwr)
M32	4386	21-10	1306	Wed	XXX XXX OWMC OWMC 17613 WYPARIWANIE 8803 7522 K	CW	(Gwr)
M32	4810	21-10	1301	Wed	XXX XXX RMU51 RMU51 58338 WATTONARD 2355 0558 K	CW	(Gwr)
M32	4855	7-10	1510	Wed	CW channel that always can be heard during Baron-78's transmission via an open mic	CW	(Gwr)
M32	4865	5-10	1255	Mon	XXX XXX ZT5Z 13895 NAREChENNYJ 3052 1362 K	CW	(Gwr)
M32	4865	19-10	1053	Mon	XXX XXX C6Zh8 C6Zh8 26751 NEPRAWEDNYJ 3988 1403 K	CW	(Gwr)
M32	4865	22-10	0828	Thu	XXX XXX 1LA7 1LA7 75082 LIHOLET'E 3145 4302 K	CW	(Gwr)
M32	4901.5	5-10	1252	Mon	XXX XXX I6CG I6CG 49803 IZOWONA 3908 7043 K	CW	(Gwr)
M32	4982	19-10	1402	Mon	XXX XXX WEGI WEGI 5LG radiogram and XXX XXX WEGI WEGI 29625 MARS 1911 1547 K //5017 kHz	CW	(Gwr)
M32	4982	19-10	1410	Mon	XXX XXX WEGI WEGI - 5LG radiogram //5017 kHz	CW	(Gwr)
M32	5017	15-10	1208	Thu	XXX XXX RGT77 RGT77 34431 STIGMA 1080 0534 K	CW	(Gwr)
M32	5017	19-10	1402	Mon	XXX XXX WEGI WEGI 5LG radiogram and XXX XXX WEGI WEGI 29625 MARS 1911 1547 K //4982 kHz	CW	(Gwr)
M32	5017	19-10	1410	Mon	XXX XXX WEGI WEGI - 5LG radiogram //4982 kHz	CW	(Gwr)
M32	5022	2-10	0842	Fri	XXX XXX 1ShchRF 1ShchRF 43268 PRIWODNEN'E 3211 0706 K	CW	(Gwr)
M32	5022	2-10	0845	Fri	XXX XXX 1ShchRF 1ShchRF 33172 SIGOBAR 8376 6880 K	CW	(Gwr)
M32	5022	2-10	0847	Fri	XXX XXX 1ShchRF 1ShchRF 23996 TORSOLOG 8353 8121 K	CW	(Gwr)
M32	5022	2-10	0853	Fri	XXX XXX 1ShchRF 1ShchRF 65367 295 = DDDDD ZhZDBY ZLGEYa K D[sic]HHIH KNHYuK LHHIH KNHYuK LH5[sic]IH KNHYuK etc.	CW	(Gwr)
M32	5022	2-10	0900	Fri	XXX XXX 1ShchRF 1ShchRF 67150 LOBOMAIS 2855 2197 K	CW	(Gwr)
M32	5022	2-10	0901	Fri	XXX XXX 1ShchRF 1ShchRF 72891 DOZhdINKA 6743 7333 K	CW	(Gwr)
M32	5022	2-10	0902	Fri	XXX XXX 1ShchRF 1ShchRF 06758 KOMPLEKS 3721 5459 LOGOGRAM 7175 9218 K	CW	(Gwr)
M32	5022	2-10	0917	Fri	XXX XXX MSK7 MSK7 08459 SKOKOSPOR 1112 6342 K	CW	(Gwr)
M32	5022	2-10	0922	Fri	XXX XXX MSK7 MSK7 94791 LOBOTYL 4972 3689 K	CW	(Gwr)
M32	5022	2-10	0933	Fri	XXX XXX MSK7 MSK7 27822 OSMEYaN'E 4522 6932 K	CW	(Gwr)
M32	5022	2-10	0934	Fri	XXX XXX MSK7 MSK7 60355 PERIADENIT 7017 4901 K	CW	(Gwr)
M32	5022	2-10	0936	Fri	XXX XXX MSK7 MSK7 87698 SEKSTA 5542 7411 K	CW	(Gwr)
M32	5022	2-10	0937	Fri	XXX XXX MSK7 MSK7 73348 DEROLYuK 8172 8294 K	CW	(Gwr)
M32	5022	2-10	0940	Fri	XXX XXX MSK7 MSK7 11715 ALTAJKA 1871 8850 K	CW	(Gwr)
M32	5022	2-10	0944	Fri	XXX XXX MSK7 MSK7 63336 ZAIROPRTU 0856 1577 SMORShchiWAN'E 7017 4901 GUAMOTAU 5542 7411 SALONNYJ 8172 8294 K	CW	(Gwr)
M32	5022	2-10	0947	Fri	XXX XXX MSK7 MSK7 00100 BRODORZheW 2172 7408 K	CW	(Gwr)

M32	5022	2-10	0953	Fri	XXX XXX 1ShchRF 1ShchRF 27351 SYSKODVUT 5764 7663 K	CW	(Gwr)
M32	5022	5-10	1300	Mon	XXX XXX 1ShchRF 1ShchRF 66490 WUZOGIT 8394 5891 K	CW	(Gwr)
M32	5023	6-10	0840	Tue	XXX XXX 1ShchRF 1ShchRF 42064 GLASOKROW 9073 4609 K	CW	(Gwr)
M32	5023	6-10	0846	Tue	XXX XXX 1ShchRF 1ShchRF 56152 SIGOBAR 8376 6880 K	CW	(Gwr)
M32	5023	6-10	0848	Tue	XXX XXX 1ShchRF 1ShchRF 73428 PRIWODNEN'E 3211 0706 TOSOLOG 8353 8121 K	CW	(Gwr)
M32	5023	6-10	0901	Tue	XXX XXX 1ShchRF 1ShchRF 94911 DOZhDINKA 6748 7833 K	CW	(Gwr)
M32	5023	6-10	0903	Tue	XXX XXX ZKDY ZKDY 16731 ZhanROPAT 5753 1004 K	CW	(Gwr)
M32	5023	6-10	0905	Tue	XXX XXX 1ShchRF 1ShchRF 08298 KOMPLEKS 3721 5959 LOGOHRAM 7175 9718 K	CW	(Gwr)
M32	5023	6-10	0932	Tue	XXX XXX MSK7 MSK7 38103 OSMEYaN'E 4522 6932 K	CW	(Gwr)
M32	5023	6-10	0934	Tue	XXX XXX MSK7 MSK7 10966 PERIADENIT 7750 5109 K	CW	(Gwr)
M32	5023	6-10	0935	Tue	XXX XXX MSK7 MSK7 57471 SEKSTA 3769 0293 K	CW	(Gwr)
M32	5023	6-10	0937	Tue	XXX XXX MSK7 MSK7 85431 DEROLYuK 5854 3896 K	CW	(Gwr)
M32	5023	6-10	0939	Tue	XXX XXX MSK7 MSK7 31867 ALTAJKA 1871 8850 K	CW	(Gwr)
M32	5023	6-10	0943	Tue	XXX XXX MSK7 MSK7 36749 ZAIROPRUT 0856 1577 SMORShchIVAN'E 7750 5109 GUAMOTAU 3769 0293 SALONNYJ 5854 3896 K	CW	(Gwr)
M32	5023	6-10	0946	Tue	XXX XXX MSK7 MSK7 75360 BRODORzhEW 2172 7408 K	CW	(Gwr)
M32	5023	6-10	0958	Tue	XXX XXX 1ShchRF 1ShchRF 01346 SYSKODZhUT 5764 7663 K	CW	(Gwr)
M32	5023	9-10	0391	Fri	XXX XXX MSK7 MSK7 25308 ALTAJKA 1871 8850 K	CW	(Gwr)
M32	5023	9-10	0851	Fri	XXX XXX 1ShchRF 1ShchRF 68857 PRIWODNEN'E 3211 0706 TORSOLOG 8353 8121 K	CW	(Gwr)
M32	5023	9-10	0857	Fri	XXX XXX 1ShchRF 1ShchRF 95553 DOZhDINKA 6743 7833 K	CW	(Gwr)
M32	5023	9-10	0900	Fri	XXX XXX 1ShchRF 1ShchRF 21557 KOMPLEKS 3721 5259 LOGOHRAM 7175 9018 K	CW	(Gwr)
M32	5023	9-10	0915	Fri	XXX XXX MSK7 MSK7 91440 SKOKOSPOR 1112 6342 K	CW	(Gwr)
M32	5023	9-10	0920	Fri	XXX XXX MSK7 MSK7 02845 LOBOTYL 4972 3689 K	CW	(Gwr)
M32	5023	9-10	0937	Fri	XXX XXX MSK7 MSK7 21658 DEROLYuK 0502 2394 K	CW	(Gwr)
M32	5023	9-10	0941	Fri	XXX XXX MSK7 MSK7 39994 ZAIROPRUT 0856 1577 SMORShchIVAN'E 7584 5207 GUAMOTAU 5675 8579 SALONNYJ 0502 2394 K	CW	(Gwr)
M32	5023	19-10	1038	Mon	XXX XXX 1ShchRF 1ShchRF 60368 PROWODNOJ 4299 8021 K	CW	(Gwr)
M32	5023	27-10	0918	Tue	XXX XXX MSK7 MSK7 77310 OBOZODAMP 1413 0320 K	CW	(Gwr)
M32	5023	27-10	0921	Tue	XXX XXX MSK7 MSK7 55110 MYaGKOTELyJ 2732 2661 K	CW	(Gwr)
M32	5023	27-10	0929	Tue	XXX XXX MSK7 MSK7 05476 TWIN 2564 0472 K	CW	(Gwr)
M32	5023	27-10	0932	Tue	XXX XXX MSW7 MSK7 88151 PREDWESHchANIE 8397 7347 K	CW	(Gwr)
M32	5023	27-10	0935	Tue	XXX XXX MSK7 MSK7 91053 KLYuZOSRAM 6968 2477 K	CW	(Gwr)
M32	5023	27-10	0936	Tue	XXX XXX MSK7 MSK7 21832 KIMWAL'NYJ 2880 9116 K	CW	(Gwr)
M32	5023	27-10	0939	Tue	XXX XXX MSK7 MSK7 29123 SBEGANIE 9173 7686 RANGOSTAZ 8397 7347 STOKOTON 6968 2477 SPINOTOK 2880 9116 K	CW	(Gwr)
M32	5023	27-10	0944	Tue	XXX XXX MSK7 MSK7 73087 KRUGORISK 8099 5239 K	CW	(Gwr)
M32	5023	27-10	0945	Tue	XXX XXX MSK7 MSK7 05573 MOLOChES 5107 6426 K	CW	(Gwr)
M32	5023	27-10	0957	Tue	XXX XXX 1ShchRF 1ShchRF 83872 LEKAL'ShchIK 8090 1433 K	CW	(Gwr)
M32	5096	6-10	0808	Tue	XXX XXX ANVF ANVF 15044 GEMORROJNYJ 5317 2295 K (S28 morse channel)	CW	(Gwr)
M32	5161	19-10	1045	Mon	XXX XXX ZhMDS ZhMDS 38007 NILOWNUK 4024 2182 K. Confirmation of message from several stations in simplex net followed	CW	(Gwr)
M32	5162.5	5-10	1247	Mon	XXX XXX VJGQ VJGQ 13611 VYMYa 8864 5452 K	CW	(Gwr)
M32	5162.5	14-10	1214	Wed	Repeating S30: XXX XXX ZKKP ZKKP 10081 DEBUTANT 4592 1917 K and ANNP 10081 DEBUTANT 4592 1917 plus more repeats from others in net	CW	(Gwr)
M32	5209	9-10	1104	Fri	XXX XXX LB1E L1BE 34427 PODRAZhan'E 7413 8529 K	CW	(Gwr)
M32	5304	1-10	1325	Thu	XXX XXX WEGI WEGI 84911 SARDINSKIJ 3087 7764 PRUDObYuST 9978 1548	CW	(Gwr)
M32	5304	5-10	1240	Mon	XXX XXX WEGI WEGI 59045 STERONAJM 6180 2261 K	CW	(Gwr)
M32	5304	5-10	1351	Mon	XXX XXX WEGI WEGI 01742 NERADENIE 3748 6749	CW	(Gwr)

M32	5304	19-10	1035	Mon	XXX XXX WEGI WEGI 90578 PROWODNOJ 4299 8021	CW	(Gwr)
M32	5304	22-10	0818	Thu	XXX XXX WEGI WEGI 57873 TRUPOPLUG 9047 3920 K	CW	(Gwr)
M32	5304	26-10	1220	Mon	XXX XXX WEGI WEGI 61822 GOSTOSGON 8235 2125 K	CW	(Gwr)
M32	5304	26-10	1522	Mon	XXX XXX WEGI WEGI 22940 ROZOVShchEKIJ 6204 8418	CW	(Gwr)
M32	5304	27-10	1205	Tue	XXX XXX SX6V SX6V 05283 SBYTOWID 4884 2238 K	CW	(Gwr)
M32	5316.5	1-10	1333	Thu	XXX XXX ONG4 ONG4 51476 LUCKODERN 7253 1581 K	CW	(Gwr)
M32	5403	21-10	1420	Wed	XXX XXX WEGI WEGI 04019 SPOROSHURF 4824 0209 K	CW	(Gwr)
M32	5423	1-10	1343	Thu	XXX XXX 9RPN 9RPN 94920 SONMOBOSS 8314 4932 RAPSOLUCh 5585 0025 K	CW	(Gwr)
M32	5423	5-10	1252	Mon	XXX XXX 9RPN 9RPN 30328 SBYTOBRAK 0161 8311 K	CW	(Gwr)
M32	5423	19-10	1050	Mon	XX XXX 9RPN 9RPN 04164 POLETNYJ 5358 8282	CW	(Gwr)
M32	5423	27-10	1000	Tue	XXX XXX 9RPN 9RPN - MMMMM radiogram	CW	(Gwr)
M32	5423	27-10	1210	Tue	XXX XXX 9RPN 9RPN 19164 PLANISFERA 4527 9287 K follow up message to SX6V from WEGI channel	CW	(Gwr)
M32	5779	1-10	1339	Thu	XXX XXX VZhCH VZhCH 2170 2170 67078 56132 BOBKOWYJ 2914 8945 K	CW	(Gwr)
M32	5779	5-10	1247	Mon	XXX XXX ANVF ANVF 79821 KARAKOWYJ 4369 8520 K (S28 morse channel)	CW	(Gwr)
M32	5779	5-10	1400	Mon	XXX XXX ANVF ANVF 52473 KONOMAJYa 1117 3676 (S28 morse channel)	CW	(Gwr)
M32	5779	26-10	1234	Mon	XXX XXX WVCH WVCH 48277 52253 ZACHITYWANIE 7817 9271 K (S28 morse channel)	CW	(Gwr)
M32	7178.5	19-10	1043	Mon	8S1Shch 38007 NILOVNUK 4024 2182 (S30 morse channel)	CW	(Gwr)
M32	7178.5	19-10	1152	Mon	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151 (S30 morse channel)	CW	(Gwr)
M42	9965	6-10	0743	Tue	Russian diplo/intel i.p.	MFSK	(AB)
M42	10468	31-10	1021	Sat	Russian diplo/intel	MFSK	(AB)
M42	14821	15-10	1348	Thu	Russian diplo/intel.	MFSK	(AB)
M42b	10500	8-10	0725	Thu	VVV RWB5 RWB5 DE RAZ2 RAZ2 QSA? K	CW	(AB)
M42b	12105	26-10	1211	Mon	RGP RGP RGP DE RGO RGO QSY 11465 QSY 11465	CW	(AB)
M51b	3881	30-10	1347	Fri	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	6825	30-10	1347	Fri	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
M89	3596	2-10	1702	Fri	V QYE2 (x3) DE 9WfV (x2) //4888	CW	(JPL)
M89	3596	4-10	1238	Sun	V QYE2 (x3) DE 9WfV (x2) //4888	CW	(JPL)
M89	3596	7-10	1732	Wed	V QYE2 (x3) DE 9WfV (x2) //4888	CW	(JPL)
M89	3596	8-10	1128	Thu	V QYE2 (x3) DE 9WfV (x2) //4888 and 6824	CW	(JPL)
M89	3596	9-10	1126	Fri	V QYE2 (x3) DE 9WfV (x2) //4888 and 6824 and 8182	CW	(JPL)
M89	3596	12-10	1114	Mon	V QYE2 (x3) DE 9WfV (x2) //4888 and 6824 and 8182	CW	(JPL)
M89	3596	15-10	1648	Thu	V QYE2 (x3) DE 9WfV (x2) //4888 and 6824	CW	(JPL)
M89	3596	17-10	1113	Sat	V QYE2 (x3) DE 9WfV (x2) //4888 and 6824 and 8182	CW	(JPL)
M89	3596	19-10	1730	Mon	V QYE2 (x3) DE 9WfV (x2) //4888	CW	(JPL)
M89	3596	20-10	1530	Tue	V QYE2 (x3) DE 9WfV (x2) //4888	CW	(JPL)
M89	3842	2-10	1707	Fri	V 8FDH (x3) DE 5J9K (x2)	CW	(JPL)
M89	3842	4-10	1220	Sun	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	3842	7-10	1730	Wed	V 8FDH (x3) DE 5J9K (x2) Note: Previously sending 8FBH vice F8DH	CW	(JPL)
M89	3842	8-10	1126	Thu	V 8FDH (x3) DE 5J9K (x2) Note: Previously sending 8FBH vice F8DH	CW	(JPL)
M89	3842	12-10	1204	Mon	V KNS3 (x3) DE Y5DS (x2) Note: New roundslip for this frequency.	CW	(JPL)
M89	3842	17-10	1128	Sat	V KNS3 (x3) DE Y5DS (x2)	CW	(JPL)
M89	3842	19-10	1728	Mon	V KNS3 (x3) DE Y5DS (x2)	CW	(JPL)
M89	3842	20-10	1536	Tue	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	3850	8-10	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	3850	19-10	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	3850	19-10	1720	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	4367	12-10	1114	Mon	i.p. RMKS = = 7792 8080 6708 KK 73 KK 8072 AR = NR 0176 RMKS =	CW	(JPL)

M89	4515	2-10	1717	Fri	i.p. 34AN T534 DAU6 3ANN TTA3 7U7D U6DU ...	CW	(JPL)
M89	4720	8-10	1130	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K ///5150	CW	(JPL)
M89	4720	19-10	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K ///5150	CW	(JPL)
M89	4720	20-10	1530	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K ///5150	CW	(JPL)
M89	4846	4-10	1203	Sun	i.p. DE 8KJH QSA 2 QRJ QSY HRJ QRJ QSY HRJ QSY HRJ VV C8PG DE 8KJH K	CW	(JPL)
M89	4860	8-10	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ///3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	4860	19-10	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	4860	19-10	1720	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	4888	2-10	1702	Fri	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4888	4-10	1238	Sun	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4888	7-10	1732	Wed	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4888	8-10	1128	Thu	V QYE2 (x3) DE 9WV (x2) ///3596 and 6824	CW	(JPL)
M89	4888	9-10	1126	Fri	V QYE2 (x3) DE 9WV (x2) //3596 and 6824 and 8182	CW	(JPL)
M89	4888	12-10	1114	Mon	V QYE2 (x3) DE 9WV (x2) //3596 and 6824 and 8182	CW	(JPL)
M89	4888	17-10	1113	Sat	V QYE2 (x3) DE 9WV (x2) = 448/5067/5393/37/36/3489/337/A AR (x2) //3596 and 6824 and 8182	CW	(JPL)
M89	4888	19-10	1103	Mon	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4888	19-10	1730	Mon	V QYE2 (x3) DE 9WV (x2) //6824 and 8182	CW	(JPL)
M89	4888	20-10	1530	Tue	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4898	4-10	1236	Sun	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	4898	12-10	1214	Mon	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	5150	8-10	1130	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K ///4720	CW	(JPL)
M89	5150	19-10	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	5150	20-10	1530	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	5188	4-10	1209	Sun	i.p. T4DU 756A T735 54T7 63T4 ...	CW	(JPL)
M89	5619	8-10	1109	Thu	i.p. 4DDT 5D34 65D7 ...	CW	(JPL)
M89	5640	8-10	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) /// 3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	5640	19-10	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	5640	19-10	1720	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	5700	22-10	0913	Thu	i.p. VVV B7S DE OI7 QSA ? K	CW	(JPL)
M89	5858	2-10	2318	Fri	V 8FDH (x3) DE 5J9K (x2)	CW	(JPL)
M89	5858	4-10	1218	Sun	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	5858	22-10	0910	Thu	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	6320	8-10	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ///3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	6320	19-10	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	6320	19-10	1720	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	6824	2-10	2315	Fri	V QYE2 (x3) DE 9WV (x2) //8182	CW	(JPL)
M89	6824	8-10	1128	Thu	V QYE2 (x3) DE 9WV (x2) ///3596 and 4888	CW	(JPL)
M89	6824	9-10	1126	Fri	V QYE2 (x3) DE 9WV (x2) //3596 and 4888 and 8182	CW	(JPL)
M89	6824	12-10	1114	Mon	V QYE2 (x3) DE 9WV (x2) //3596 and 4888 and 8182	CW	(JPL)
M89	6824	17-10	1113	Sat	V QYE2 (x3) DE 9WV (x2) = 448/5067/5393/37/36/3489/337/A AR (x2) //3596 and 6824 and 8182	CW	(JPL)
M89	6824	19-10	1103	Mon	V QYE2 (x3) DE 9WV (x2) //4888 and 8182	CW	(JPL)
M89	6824	22-10	0906	Thu	V QYE2 (x3) DE 9WV (x2) //8182	CW	(JPL)
M89	6840	8-10	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ///3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	6840	19-10	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	6840	19-10	1720	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	7653	2-10	1656	Fri	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	4-10	1230	Sun	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)

M89	7653	7-10	1727	Wed	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	8-10	1118	Thu	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	9-10	1128	Fri	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	13-10	1128	Tue	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	15-10	1646	Thu	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	17-10	1111	Sat	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	19-10	1101	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	19-10	1726	Mon	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7653	20-10	1528	Tue	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	8182	2-10	2315	Fri	V QYE2 (x3) DE 9WV (x2) //6824	CW	(JPL)
M89	8182	9-10	1126	Fri	V QYE2 (x3) DE 9WV (x2) //3596 and 4888 and 6824	CW	(JPL)
M89	8182	12-10	1114	Mon	V QYE2 (x3) DE 9WV (x2) //3596 and 4888 and 6824	CW	(JPL)
M89	8182	17-10	1113	Sat	V QYE2 (x3) DE 9WV (x2) = 448/5067/5393/37/36/3489/337/A AR (x2) //3596 and 6824 and 8182	CW	(JPL)
M89	8182	19-10	1103	Mon	V QYE2 (x3) DE 9WV (x2) //4888 and 6824	CW	(JPL)
M89	8182	22-10	0906	Thu	V QYE2 (x3) DE 9WV (x2) //6824	CW	(JPL)
M89	8871	22-10	0844	Thu	i.p. A6TN 763N TU7D 5N7A D7DU A54A DADT ...	CW	(JPL)
M95	3968	2-10	1658	Fri	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	3968	7-10	1725	Wed	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	3968	15-10	1650	Thu	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	3968	19-10	1729	Mon	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	3968	20-10	1541	Tue	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	4243	8-10	1149	Thu	i.p. AR A HR 7G GA NR 16 CK 137 35 1008 1553 = UTU TTD 3U6 3A4 TTU 773 353 ... //9054	CW	(JPL)
M95	4243	9-10	1150	Fri	i.p. AR A HR MSG GA NR 039 CK 15 35 1009 1602 = UT5 TTN 3U6 3A4 ... //9054	CW	(JPL)
M95	4243	12-10	1152	Mon	i.p. AR MSG AGN NR 089 CK 42 35 1012 1543 = 5AA UTT TAU 3U6 3A4 ... //9054	CW	(JPL)
M95	4243	17-10	1149	Sat	VV HR 7G TO YR PSE CY NR 099 CK 36 35 1017 1515 = //9054	CW	(JPL)
M95	4243	19-10	1151	Mon	i.p. AR A HR MSG GA NR 38 CK 158 35 1019 1540 = UTU TAN 3U6 3A4 TTU 773 35A N3D 353 4AA 445 ... //9054	CW	(JPL)
M95	4243	22-10	0847	Thu	V15I DE N9RB QSY 25307 25307 K R 7TA NU6 7T5 777 76T 773 33A 336 7UT TTU 773 35A ... //9054	CW	(JPL)
M95	4351	9-10	1135	Fri	i.p. 2692 7889 2692 2680 AR R 7G NR 02 CK 05 CLS 76 RMKS = 6531 2692 7889... //9054	CW	(JPL)
M95	4364	8-10	1145	Thu	BNGC DE XSV85 HR MSGS GA PSE C Y NR 0782 CK 463 35 1008 1619 = TTD 3U6 3AN 3U7 TAU 773 TA7 773 TU3 773 ... //8073	CW	(JPL)
M95	4364	9-10	1145	Fri	BNGC DE XSV85 HR MSGS GA PSE CY NR 0786 CK 414 35 1009 1633 = TTN 3U6 3AN 3U7 TAU ... //8073	CW	(JPL)
M95	4364	12-10	1145	Mon	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0704 CK 453 35 1012 1637 = ... //8073	CW	(JPL)
M95	4364	17-10	1141	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 083U CK 303 35 1017 1638 = //8073	CW	(JPL)
M95	4364	19-10	1134	Mon	V BNGC (x3) DE XSV85 (x2) HR 7GS GA PSE CY NR 0840 CK 372 35 1019 1627 = //8073	CW	(JPL)
M95	4393	4-10	1152	Sun	i.p. R QSL 1952 HR WK NR 556 K R HR WK NR 425 K (Both stations on this frequency)	CW	(JPL)
M95	4680	17-10	1118	Sat	i.p. 05 05 05 AR	CW	(JPL)
M95	4860	12-10	1116	Mon	i.p. 05	CW	(JPL)
M95	5479	4-10	1232	Sun	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	8-10	1100	Thu	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	12-10	1111	Mon	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	17-10	1108	Sat	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	19-10	1059	Mon	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5479	22-10	0842	Thu	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	5631	8-10	1111	Thu	i.p. NR 040/CCK CK 51 39 1008 1930 RMKS 3121 TO 8741 3034 .099 ...	CW	(JPL)
M95	6936	2-10	1658	Fri	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6936	7-10	1725	Wed	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6936	15-10	1650	Thu	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)

M95	6936	19-10	1729	Mon	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	8073	8-10	1145	Thu	BNGC DE XSV85 HR MSGS GA PSE C Y NR 0782 CK 463 35 1008 1619 = TTD 3U6 3AN 3U7 TAU 773 TA7 773 TU3 773 ... //4364	CW	(JPL)
M95	8073	9-10	1145	Fri	BNGC DE XSV85 HR MSGS GA PSE CY NR 0786 CK 414 35 1009 1633 = TTN 3U6 3AN 3U7 TAU ... //4364	CW	(JPL)
M95	8073	12-10	1145	Mon	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0704 CK 453 35 1012 1637 = ... //4364	CW	(JPL)
M95	8073	17-10	1141	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 083U CK 303 35 1017 1638 = //4364	CW	(JPL)
M95	8073	19-10	1134	Mon	V BNGC (x3) DE XSV85 (x2) HR 7GS GA PSE CY NR 0840 CK 372 35 1019 1627 = //4364	CW	(JPL)
M95	9054	8-10	1149	Thu	i.p. AR A HR 7G GA NR 16 CK 137 35 1008 1553 = UTU TTD 3U6 3A4 TTU 773 353 ... //4243	CW	(JPL)
M95	9054	9-10	1135	Fri	i.p. 2692 7889 2692 2680 AR R 7G NR 02 CK 05 CLS 76 RMKS = 6531 2692 7889... //4351	CW	(JPL)
M95	9054	9-10	1150	Fri	i.p. AR A HR MSG GA NR 039 CK 15 35 1009 1602 = UT5 TTN 3U6 3A4 ... //4243	CW	(JPL)
M95	9054	12-10	1152	Mon	i.p. AR MSG AGN NR 089 CK 42 35 1012 1543 = 5AA UTT TAU 3U6 3A4 ... //4243	CW	(JPL)
M95	9054	17-10	1149	Sat	VV HR 7G TO YR PSE CY NR 099 CK 36 35 1017 1515 = //4243	CW	(JPL)
M95	9054	19-10	1151	Mon	i.p. AR A HR MSG GA NR 38 CK 158 35 1019 1540 = UTU TAN 3U6 3A4 TTU 773 35A N3D 353 4AA 445 ... //4243	CW	(JPL)
M95	9054	22-10	0847	Thu	V15I DE N9RB QSY 25307 25307 K R 7TA NU6 7T5 777 76T 773 33A 336 7UT TTU 773 35A ... //4243	CW	(JPL)
M95	10722	4-10	1232	Sun	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	8-10	1100	Thu	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	12-10	1111	Mon	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	10722	17-10	1108	Sat	V YHxD (x3) DE SAQC (x2) //105479	CW	(JPL)
M95	10722	19-10	1059	Mon	V YHxD (x3) DE SAQC (x2) //479	CW	(JPL)
M95	10722	22-10	0842	Thu	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
MX	3657	26-10	1735	Mon	Beacon V	CW	(AB-RUS)
MX	3657	30-10	1724	Fri	Beacon V	CW	(AB-RUS)
MX	4325.8	26-10	1120	Mon	Channel marker R, Izhevsk	CW	(Gwr)
MX	4325.8	26-10	1508	Mon	Channel marker R, Izhevsk	CW	(AB-RUS)
MX	4325.8	27-10	0458	Tue	Channel marker R, Izhevsk	CW	(AB-RUS)
MX	4977	26-10	1735	Mon	Beacon V	CW	(AB-RUS)
MX	4977	30-10	1725	Fri	Beacon V	CW	(AB)
MX	5343	31-10	1331	Sat	Beacon V	CW	(AB)
MX	7508.8	23-10	1402	Fri	Beacon P, Kaliningrad	CW	(AB)
MX	7508.8	24-10	1357	Sat	Beacon P, Kaliningrad	CW	(AB)
MX	8494.7	12-10	0516	Mon	Beacon D, Sevastopol	CW	(AB)
MX	8494.8	23-10	1359	Fri	Beacon P, Kaliningrad	CW	(AB)
MX	8494.9	12-10	0516	Mon	Beacon S, Sevoromorsk	CW	(AB)
MX	8495	12-10	0516	Mon	Beacon C, Moscow	CW	(AB)
MX	8495.2	23-10	1409	Fri	Beacon F, Vladivostok	CW	(AB)
MX	8495.4	23-10	1409	Fri	Beacon M, Magadan	CW	(AB)
MX	8497.8	12-10	0518	Mon	Beacon L, St Petersburg	CW	(AB)
MX	8497.8	23-10	1359	Fri	Beacon L, St petersburg	CW	(AB)
MX	8497.8	26-10	1737	Mon	Beacon L, St petersburg	CW	(AB)
MX	10868.1	12-10	0513	Mon	Beacon A, Astrakhan (off freq)	CW	(AB)
MX	10871.7	12-10	0513	Mon	Beacon D, Sevastopol	CW	(AB)
MX	10871.7	23-10	1353	Fri	Beacon D, Sevastopol	CW	(AB)
MX	10871.7	26-10	1439	Mon	Beacon D, Sevastopol	CW	(MPJ)
MX	10871.8	23-10	1353	Fri	Beacon P, Kaliningrad	CW	(AB)
MX	10871.9	23-10	1353	Fri	Beacon S, Sevoromorsk	CW	(AB)
MX	10872	12-10	0513	Mon	Beacon C, Moscow	CW	(AB)
MX	10872	23-10	1353	Fri	Beacon C, Moscow	CW	(AB)

MX	10872	26-10	1440	Mon	Beacon C, Moscow	CW	(MPJ)
MX	13527.7	12-10	0514	Mon	Beacon D, Sevastopol	CW	(AB)
MX	13527.7	23-10	1355	Fri	Beacon D, Sevastopol	CW	(AB)
MX	13527.8	12-10	0514	Mon	Beacon P, Kaliningrad	CW	(AB)
MX	13527.8	23-10	1355	Fri	Beacon P, Kaliningrad	CW	(AB)
MX	13527.9	23-10	1355	Fri	Beacon S, Sevoromorsk	CW	(AB)
MX	13528	23-10	1355	Fri	Beacon C, Moscow	CW	(AB)
MX	16331.7	23-10	1358	Fri	Beacon D, Sevastopol	CW	(AB)
MX	16331.9	23-10	1358	Fri	Beacon S, Sevoromorsk	CW	(AB)
P03e	5344	4-10	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	4-10	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	6-10	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	6-10	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	11-10	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	11-10	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	13-10	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	13-10	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	25-10	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	25-10	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	27-10	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	27-10	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	2-10	0900	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	2-10	0905	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	6-10	0900	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	6-10	0905	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	9-10	0900	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	9-10	0905	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	13-10	0900	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	13-10	0905	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	16-10	0900	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	16-10	0905	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	20-10	0900	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	20-10	0905	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	23-10	0900	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	23-10	0905	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	27-10	0900	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	27-10	0905	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	30-10	0900	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7317	30-10	0905	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	5-10	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	5-10	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	7-10	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	7-10	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	12-10	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	12-10	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	19-10	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	19-10	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)

P03e	13911	21-10	0530	Wed	Polish intel.		QPSK 100Bd/488bp	(AB-POL)
P03e	13911	21-10	0535	Wed	Polish intel.		QPSK 100Bd/488bp	(AB-POL)
P03e	13911	26-10	0530	Mon	Polish intel.		QPSK 100Bd/488bp	(AB-POL)
P03e	13911	26-10	0535	Mon	Polish intel.		QPSK 100Bd/488bp	(AB-POL)
P03e	14972	2-10	1440	Fri	Polish intel.		QPSK 100Bd/488bp	(AB)
P03e	14972	2-10	1445	Fri	Polish intel.		QPSK 100Bd/488bp	(AB)
P03e	14972	9-10	1440	Fri	Polish intel.		QPSK 100Bd/488bp	(AB)
P03e	14972	9-10	1445	Fri	Polish intel.		QPSK 100Bd/488bp	(AB)
P03e	14972	11-10	1440	Sun	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	11-10	1445	Sun	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	16-10	1440	Fri	Polish intel.		QPSK 100Bd/488bp	(AB)
P03e	14972	16-10	1445	Fri	Polish intel.		QPSK 100Bd/488bp	(AB)
P03e	14972	18-10	1440	Sun	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	18-10	1445	Sun	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	23-10	1440	Fri	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	23-10	1445	Fri	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	25-10	1440	Sun	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	25-10	1445	Sun	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	30-10	1440	Fri	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	30-10	1445	Fri	Polish intel.		QPSK 100Bd/488bp	(AB/MPJ)
P03f	6849	6-10	1100	Tue	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	6-10	1105	Tue	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	7-10	1100	Wed	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	7-10	1105	Wed	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	13-10	1100	Tue	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	13-10	1105	Tue	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	14-10	1100	Wed	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	14-10	1105	Wed	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	20-10	1100	Tue	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	20-10	1105	Tue	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	21-10	1100	Wed	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	21-10	1105	Wed	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	27-10	1100	Tue	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	27-10	1105	Tue	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	28-10	1100	Wed	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	6849	28-10	1105	Wed	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	1-10	0735	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	1-10	0740	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	5-10	0735	Mon	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	5-10	0740	Mon	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	8-10	0735	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	8-10	0740	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	12-10	0735	Mon	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	12-10	0740	Mon	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	15-10	0735	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	15-10	0740	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	19-10	0735	Mon	Polish intel.		QPSK 200Bd/496bp	(AB)

P03f	10641	19-10	0740	Mon	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	22-10	0735	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	22-10	0740	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	26-10	0735	Mon	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	26-10	0740	Mon	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	29-10	0735	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03f	10641	29-10	0740	Thu	Polish intel.		QPSK 200Bd/496bp	(AB)
P03g	5844	1-10	0430	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	1-10	0435	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	7-10	0430	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	7-10	0435	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	8-10	0430	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	8-10	0435	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	15-10	0430	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	15-10	0435	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	21-10	0430	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	21-10	0435	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	22-10	0430	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	22-10	0435	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	29-10	0430	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	5844	29-10	0435	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	1-10	1800	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	1-10	1805	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	6-10	1800	Tue	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	6-10	1805	Tue	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	8-10	1800	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	8-10	1805	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	13-10	1800	Tue	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	13-10	1805	Tue	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	15-10	1800	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	15-10	1805	Thu	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	20-10	1800	Tue	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	20-10	1805	Tue	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	22-10	1800	Thu	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	22-10	1805	Thu	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	27-10	1800	Tue	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	27-10	1805	Tue	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	7840	29-10	1800	Thu	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	29-10	1805	Thu	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03k	4356	3-10	1500	Sat	Polish intel.		BPSK 100Bd/480bp	(AB)
P03k	4356	3-10	1505	Sat	Polish intel.		BPSK 100Bd/480bp	(AB)
P03k	4356	7-10	1500	Wed	Polish intel.		BPSK 100Bd/480bp	(AB)
P03k	4356	7-10	1505	Wed	Polish intel.		BPSK 100Bd/480bp	(AB)
P03k	4356	10-10	1500	Sat	Polish intel.		BPSK 100Bd/480bp	(AB)
P03k	4356	10-10	1505	Sat	Polish intel.		BPSK 100Bd/480bp	(AB)
P03k	4356	14-10	1500	Wed	Polish intel.		BPSK 100Bd/480bp	(AB)
P03k	4356	14-10	1505	Wed	Polish intel.		BPSK 100Bd/480bp	(AB)

P03k	4356	17-10	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	17-10	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	21-10	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	21-10	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	24-10	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	24-10	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	28-10	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	28-10	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	31-10	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	31-10	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	3-10	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	3-10	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	4-10	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	4-10	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	10-10	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	10-10	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	11-10	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	11-10	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	18-10	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	18-10	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	24-10	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	24-10	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5082	25-10	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	25-10	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	31-10	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5082	31-10	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	2-10	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	2-10	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	9-10	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	9-10	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	16-10	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	16-10	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	23-10	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	23-10	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	30-10	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5371	30-10	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5731	5-10	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5731	5-10	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5731	12-10	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5731	12-10	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5731	19-10	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5731	19-10	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5731	26-10	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5731	26-10	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	2-10	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	2-10	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	4-10	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	5815	4-10	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	9-10	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	9-10	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	11-10	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	11-10	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	16-10	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	16-10	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	18-10	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	18-10	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	23-10	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	23-10	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	25-10	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	25-10	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	30-10	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5815	30-10	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	3-10	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	3-10	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	4-10	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	4-10	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	10-10	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	10-10	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	11-10	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	11-10	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	17-10	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	17-10	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	18-10	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	18-10	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	24-10	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	24-10	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	25-10	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7469	25-10	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	2-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	2-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	4-10	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	4-10	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	9-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	9-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	11-10	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	11-10	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	16-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	16-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	18-10	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	18-10	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	23-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	23-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	25-10	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	25-10	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	10302	30-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	30-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	5-10	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	5-10	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	11-10	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	11-10	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	12-10	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	12-10	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	18-10	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	18-10	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	19-10	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	19-10	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	25-10	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	25-10	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	26-10	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	26-10	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	3-10	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-POL)
P03k	14865	3-10	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-POL)
P03k	14865	7-10	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	7-10	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	10-10	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	10-10	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	14-10	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	14-10	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	17-10	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	17-10	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	21-10	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	21-10	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	28-10	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	28-10	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	31-10	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	31-10	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03l	4909	3-10	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	3-10	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	4-10	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	4-10	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	10-10	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	10-10	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	11-10	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	11-10	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	17-10	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	17-10	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	18-10	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	18-10	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	24-10	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	24-10	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	25-10	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	4909	25-10	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	31-10	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	31-10	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	2-10	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	2-10	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	7-10	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	7-10	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	9-10	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	9-10	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5344	14-10	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	14-10	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	16-10	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	16-10	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	21-10	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	21-10	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	23-10	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	23-10	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	28-10	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	28-10	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	30-10	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5344	30-10	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	7-10	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	7-10	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	14-10	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	14-10	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	18-10	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	18-10	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	21-10	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	21-10	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	25-10	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	25-10	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	28-10	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	28-10	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
Q26	4243	17-10	1148	Sat	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	8-10	1132	Thu	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	9-10	1130	Fri	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	12-10	1134	Mon	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	17-10	1132	Sat	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	19-10	1132	Mon	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8063	9-10	1130	Fri	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	8-10	1132	Thu	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	12-10	1134	Mon	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	17-10	1132	Sat	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	19-10	1132	Mon	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	17-10	1148	Sat	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
S06	5881	2-10	2100	Fri	452 452 452 00000	USB	(AB)
S06	5881	16-10	2100	Fri	452 452 452 00000	USB	(AB)

S06	8171	2-10	2000	Fri	452 452 452 00000	USB	(AB)
S06	8171	16-10	2000	Fri	452 452 452 00000	USB	(AB)
S06	16237	23-10	0930	Fri	842 ...	USB	(HFD-CHN)
S06	20312	23-10	0835	Fri	i.p. (too weak to copy)	USB	(HFD-CHN)
S06c	18042	28-10	1030	Wed	11220	USB	(Danix)
S06s	5744	2-10	0900	Fri	239 470 5 24541 33941 56823 43884 85518 470 5 00000	USB	(AB/MPJ)
S06s	5744	9-10	0900	Fri	239 470 5 24541 33941 56823 43884 85518 470 5 00000	USB	(AB-POL/MPJ-AUT)
S06s	5744	16-10	0900	Fri	239 460 5 88620 68069 51732 74534 57440 460 5 00000	USB	(AB)
S06s	5744	23-10	0900	Fri	239 460 5 88620 68069 51732 74534 57440 460 5 00000	USB	(AB)
S06s	5744	30-10	0900	Fri	239 239 239 00000	USB	(AB)
S06s	5760	6-10	0700	Tue	452 891 6 52401 63919 92699 14600 74248 48754 891 6 0000	USB	(AB-POL)
S06s	5760	13-10	0700	Tue	452 891 6 52401 63919 92699 14600 74248 48754 891 6 0000	USB	(AB-POL)
S06s	5760	20-10	0700	Tue	452 970 6 46072 68672 97478 39685 30485 96632 970 6 00000	USB	(AB-POL)
S06s	5760	27-10	0700	Tue	452 970 6 46072 68672 97478 39685 30485 96632 970 6 00000	USB	(AB-POL)
S06s	6190	6-10	1100	Tue	265 439 7 77288 08481 65606 57311 32101 23029 53455 439 7 00000	USB	(AB-RUS/MPJ-POL)
S06s	6190	13-10	1100	Tue	265 439 7 77288 08481 65606 57311 32101 23029 53455 439 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	6190	20-10	1100	Tue	265 940 7 07022 32734 34771 48591 47281 41127 88454 840 7 00000	USB	(AB/MPJ)
S06s	6190	27-10	1100	Tue	265 940 7 07022 32734 34771 48591 47281 41127 88454 840 7 00000	USB	(AB)
S06s	6410	6-10	1000	Tue	427 890 5 24541 33941 56823 43884 85518 890 5 00000	USB	(AB/MPJ)
S06s	6410	13-10	1000	Tue	427 890 5 24541 33941 56823 43884 85518 890 5 00000	USB	(AB/MPJ)
S06s	6410	20-10	1000	Tue	427 930 5 77421 00119 77721 09675 34217 930 5 00000	USB	(AB)
S06s	6410	27-10	1000	Tue	427 930 5 77421 00119 77721 09675 34217 930 5 00000	USB	(AB)
S06s	6464	6-10	1500	Tue	914 826 5 80295 33504 61961 39308 71705 826 5 00000	USB	(AB/MPJ)
S06s	6464	13-10	1500	Tue	914 826 5 80295 33504 61961 39308 71705 826 5 00000	USB	(AB/MPJ)
S06s	6464	20-10	1500	Tue	914 806 5 69816 97314 15802 40046 29423 806 5 00000	USB	(MPJ)
S06s	6464	27-10	1500	Tue	914 806 5 69816 97314 15802 40046 29423 806 5 00000	USB	(AB/MPJ)
S06s	6524	2-10	0910	Fri	239 470 5 24541 33941 56823 43884 85518 470 5 00000	USB	(AB/MPJ)
S06s	6524	9-10	0910	Fri	239 470 5 24541 33941 56823 43884 85518 470 5 00000	USB	(AB-POL/MPJ-AUT)
S06s	6524	16-10	0910	Fri	239 460 5 88620 68069 51732 74534 57440 460 5 00000	USB	(AB)
S06s	6524	23-10	0910	Fri	239 460 5 88620 68069 51732 74534 57440 460 5 00000	USB	(AB)
S06s	6524	30-10	0910	Fri	239 239 239 00000	USB	(AB)
S06s	6930	6-10	0710	Tue	452 891 6 52401 63919 92699 14600 74248 48754 891 6 0000	USB	(AB-POL)
S06s	6930	13-10	0710	Tue	452 891 6 52401 63919 92699 14600 74248 48754 891 6 0000	USB	(AB-POL)
S06s	6930	20-10	0710	Tue	452 970 6 46072 68672 97478 39685 30485 96632 970 6 00000	USB	(AB-POL)
S06s	6930	27-10	0710	Tue	452 970 6 46072 68672 97478 39685 30485 96632 970 6 00000	USB	(AB-POL)
S06s	7230	6-10	1110	Tue	265 439 7 77288 08481 65606 57311 32101 23029 53455 439 7 00000	USB	(AB/MPJ-POL)
S06s	7230	13-10	1110	Tue	265 439 7 77288 08481 65606 57311 32101 23029 53455 439 7 00000	USB	(AB/MPJ-HNG)
S06s	7230	20-10	1110	Tue	265 940 7 07022 32734 34771 48591 47281 41127 88454 840 7 00000	USB	(AB/MPJ)
S06s	7230	27-10	1110	Tue	265 940 7 07022 32734 34771 48591 47281 41127 88454 840 7 00000	USB	(AB)
S06s	7242	6-10	1510	Tue	914 826 5 80295 33504 61961 39308 71705 826 5 00000	USB	(AB/MPJ)
S06s	7242	13-10	1510	Tue	914 826 5 80295 33504 61961 39308 71705 826 5 00000	USB	(AB/MPJ)
S06s	7242	20-10	1510	Tue	914 806 5 69816 97314 15802 40046 29423 806 5 00000	USB	(MPJ)
S06s	7242	27-10	1510	Tue	914 806 5 69816 97314 15802 40046 29423 806 5 00000	USB	(AB/MPJ)
S06s	7340	6-10	1010	Tue	427 890 5 24541 33941 56823 43884 85518 890 5 00000	USB	(AB/MPJ)
S06s	7340	13-10	1010	Tue	427 890 5 24541 33941 56823 43884 85518 890 5 00000	USB	(AB/MPJ)
S06s	7340	20-10	1010	Tue	427 930 5 77421 00119 77721 09675 34217 930 5 00000	USB	(AB)
S06s	7340	27-10	1010	Tue	427 930 5 77421 00119 77721 09675 34217 930 5 00000	USB	(AB)

S06s	7425	6-10	0730	Tue	427 931 5 77520 58069 61732 74537 57440 931 5 00000	USB	(AB)
S06s	7425	13-10	0730	Tue	427 931 5 77520 58069 61732 74537 57440 931 5 00000	USB	(AB)
S06s	7425	20-10	0730	Tue	427 980 5 62401 63919 92699 14600 74248 980 5 00000	USB	(AB)
S06s	7425	27-10	0730	Tue	427 980 5 62401 63919 92699 14600 74248 980 5 00000	USB	(AB)
S06s	8270	5-10	0840	Mon	764 839 5 62351 75019 41740 58692 65667 839 5 00000	USB	(AB)
S06s	8270	12-10	0840	Mon	764 839 5 62351 75019 41740 58692 65667 839 5 00000	USB	(AB)
S06s	8270	19-10	0840	Mon	764 230 5 11169 03439 43548 19152 23063 230 5 00000	USB	(AB)
S06s	8270	26-10	0840	Mon	764 230 5 11169 03439 43548 19152 23063 230 5 00000	USB	(AB)
S06s	8520	3-10	0810	Sat	132 407 5 67553 24398 20119 20765 10852 407 5 00000	USB	(AB)
S06s	9081	1-10	0930	Thu	698 413 5 45150 44391 35358 51501 57465 413 5 00000	USB	(AB)
S06s	9081	8-10	0930	Thu	698 413 5 45150 44391 35358 51501 57465 413 5 00000	USB	(AB/MPJ)
S06s	9081	15-10	0930	Thu	698 420 5 42036 01653 15521 53006 61135 420 5 0000	USB	(AB)
S06s	9081	22-10	0930	Thu	698 420 5 42036 01653 15521 53006 61135 420 5 0000	USB	(AB)
S06s	9081	29-10	0930	Thu	698 698 698 00000	USB	(AB)
S06s	9082	7-10	0830	Wed	464 891 5 98543 01198 43785 24365 90013 891 5 00000	USB	(AB)
S06s	9082	14-10	0830	Wed	464 891 5 98543 01198 43785 24365 90013 891 5 00000	USB	(AB)
S06s	9082	21-10	0830	Wed	464 238 5 36924 98924 75353 33884 82486 238 5 00000	USB	(AB)
S06s	9082	28-10	0830	Wed	464 238 5 36924 98924 75353 33884 82486 238 5 00000	USB	(AB)
S06s	9145	5-10	1200	Mon	149 826 5 24236 84028 88278 06280 25826 826 5 00000	USB	(AB/MPJ)
S06s	9145	12-10	1200	Mon	149 826 5 24236 84028 88278 06280 25826 826 5 00000	USB	(AB/MPJ)
S06s	9145	19-10	1200	Mon	149 523 6 69856 82541 98423 79033 15452 47154 523 6 00000	USB	(AB/MPJ)
S06s	9145	26-10	1200	Mon	149 523 6 69856 82541 98423 79033 15452 47154 523 6 00000	USB	(AB/MPJ)
S06s	9220	5-10	0830	Mon	764 839 5 62351 75019 41740 58692 65667 839 5 00000	USB	(AB)
S06s	9220	12-10	0830	Mon	764 839 5 62351 75019 41740 58692 65667 839 5 00000	USB	(AB)
S06s	9220	19-10	0830	Mon	764 230 5 11169 03439 43548 19152 23063 230 5 00000	USB	(AB)
S06s	9220	26-10	0830	Mon	764 230 5 11169 03439 43548 19152 23063 230 5 00000	USB	(AB)
S06s	9952	7-10	0840	Wed	464 891 5 98543 01198 43785 24365 90013 891 5 00000	USB	(AB)
S06s	9952	14-10	0840	Wed	464 891 5 98543 01198 43785 24365 90013 891 5 00000	USB	(AB)
S06s	9952	21-10	0840	Wed	464 238 5 36924 98924 75353 33884 82486 238 5 00000	USB	(AB)
S06s	9952	28-10	0840	Wed	464 238 5 36924 98924 75353 33884 82486 238 5 00000	USB	(AB)
S06s	10350	3-10	0800	Sat	132 407 5 67553 24398 20119 20765 10852 407 5 00000	USB	(AB)
S06s	10420	6-10	0810	Tue	127 463 5 46062 68672 97478 39685 30485 463 5 00000	USB	(AB)
S06s	10420	13-10	0810	Tue	127 463 5 46062 68672 97478 39685 30485 463 5 00000	USB	(AB)
S06s	10420	20-10	0810	Tue	127 950 6 69856 82541 98423 79033 16452 10009 950 6 00000	USB	(AB)
S06s	10420	27-10	0810	Tue	127 950 6 69856 82541 98423 79033 16452 10009 950 6 00000	USB	(AB)
S06s	10514	1-10	0940	Thu	698 413 5 45150 44391 35358 51501 57465 413 5 00000	USB	(AB)
S06s	10514	8-10	0940	Thu	698 413 5 45150 44391 35358 51501 57465 413 5 00000	USB	(AB/MPJ)
S06s	10514	15-10	0940	Thu	698 420 5 42036 01653 15521 53006 61135 420 5 0000	USB	(AB)
S06s	10514	22-10	0940	Thu	698 420 5 42036 01653 15521 53006 61135 420 5 0000	USB	(AB)
S06s	10514	29-10	0940	Thu	698 698 698 00000	USB	(AB)
S06s	11460	5-10	1210	Mon	149 826 5 24236 84028 88278 06280 25826 826 5 00000	USB	(AB/MPJ)
S06s	11460	12-10	1210	Mon	149 826 5 24236 84028 88278 06280 25826 826 5 00000	USB	(AB/MPJ)
S06s	11460	19-10	1210	Mon	149 523 6 69856 82541 98423 79033 15452 47154 523 6 00000	USB	(AB/MPJ)
S06s	11460	26-10	1210	Mon	149 523 6 69856 82541 98423 79033 15452 47154 523 6 00000	USB	(AB/MPJ)
S06s	11530	7-10	0730	Wed	172 894 5 91943 58456 74439 59317 44671 894 5 00000	USB	(AB-AUT)
S06s	11530	14-10	0730	Wed	172 894 5 91943 58456 74439 59317 44671 894 5 00000	USB	(AB-AUT)
S06s	11530	21-10	0730	Wed	172 806 5 19804 96845 22444 08374 98627 806 5 00000	USB	(AB-AUT)

S06s	11530	28-10	0730	Wed	172 806 5 19804 96845 22444 08374 98627 806 5 00000	USB	(AB)
S06s	11560	6-10	0740	Tue	427 931 5 77520 58069 61732 74537 57440 931 5 00000	USB	(AB)
S06s	11560	13-10	0740	Tue	427 931 5 77520 58069 61732 74537 57440 931 5 00000	USB	(AB)
S06s	11560	20-10	0740	Tue	427 980 5 62401 63919 92699 14600 74248 980 5 00000	USB	(AB)
S06s	11560	27-10	0740	Tue	427 980 5 62401 63919 92699 14600 74248 980 5 00000	USB	(AB)
S06s	11635	6-10	0800	Tue	127 463 5 46062 68672 97478 39685 30485 463 5 00000	USB	(AB)
S06s	11635	13-10	0800	Tue	127 463 5 46062 68672 97478 39685 30485 463 5 00000	USB	(AB)
S06s	11635	20-10	0800	Tue	127 950 6 69856 82541 98423 79033 16452 10009 950 6 00000	USB	(AB)
S06s	11635	27-10	0800	Tue	127 950 6 69856 82541 98423 79033 16452 10009 950 6 00000	USB	(AB)
S06s	12140	2-10	0830	Fri	156 289 7 24541 33941 56823 43884 88518 35628 05816 289 7 00000	USB	(AB/MPJ-HNG)
S06s	12140	7-10	0740	Wed	172 894 5 91943 58456 74439 59317 44671 894 5 00000	USB	(AB)
S06s	12140	9-10	0830	Fri	156 289 7 24541 33941 56823 43884 88518 35628 05816 289 7 00000	USB	(AB/MPJ)
S06s	12140	14-10	0740	Wed	172 894 5 91943 58456 74439 59317 44671 894 5 00000	USB	(AB)
S06s	12140	16-10	0830	Fri	156 240 7 33796 13577 74525 46647 47097 53515 25616 240 7 00000	USB	(AB)
S06s	12140	21-10	0740	Wed	172 806 5 19804 96845 22444 08374 98627 806 5 00000	USB	(AB)
S06s	12140	23-10	0830	Fri	156 240 7 33796 13577 74525 46647 47097 53515 25616 240 7 00000	USB	(AB)
S06s	12140	28-10	0740	Wed	172 806 5 19804 96845 22444 08374 98627 806 5 00000	USB	(AB)
S06s	12140	30-10	0830	Fri	156 156 156 00000	USB	(AB)
S06s	12415	1-10	1200	Thu	175 243 6 42913 43496 72446 49973 33181 65644 243 6 00000	USB	(AB/MPJ)
S06s	12415	8-10	1200	Thu	175 243 6 42913 43496 72446 49973 33181 65644 243 6 00000	USB	(AB)
S06s	12415	15-10	1200	Thu	175 842 6 14199 59354 24162 94031 31670 69901 842 6 00000	USB	(AB/MPJ)
S06s	12415	22-10	1200	Thu	175 842 6 14199 59354 24162 94031 31670 69901 842 6 00000	USB	(AB/MPJ)
S06s	12415	29-10	1200	Thu	175 175 175 00000	USB	(AB/MPJ)
S06s	13165	5-10	0910	Mon	232 894 5 90727 72333 47727 86900 62614 894 5 00000	USB	(AB)
S06s	13165	12-10	0910	Mon	232 894 5 90727 72333 47727 86900 62614 894 5 00000	USB	(AB)
S06s	13165	19-10	0910	Mon	232 479 5 00897 41716 50801 40123 10002 479 5 00000	USB	(AB)
S06s	13165	26-10	0910	Mon	232 479 5 00897 41716 50801 40123 10002 479 5 00000	USB	(AB)
S06s	13365	7-10	1000	Wed	276 893 5 46692 53034 96502 00040 35152 893 5 00000	USB	(AB)
S06s	13365	14-10	1000	Wed	276 893 5 46692 53034 96502 00040 35152 893 5 00000	USB	(AB)
S06s	13365	21-10	1000	Wed	276 914 5 95683 44707 03156 44395 63319 914 5 00000	USB	(AB)
S06s	13365	28-10	1000	Wed	276 914 5 95683 44707 03156 44395 63319 914 5 00000	USB	(AB)
S06s	13515	2-10	0840	Fri	156 289 7 24541 33941 56823 43884 88518 35628 05816 289 7 00000	USB	(AB/MPJ)
S06s	13515	9-10	0840	Fri	156 289 7 24541 33941 56823 43884 88518 35628 05816 289 7 00000	USB	(AB/MPJ)
S06s	13515	16-10	0840	Fri	156 240 7 33796 13577 74525 46647 47097 53515 25616 240 7 00000	USB	(AB)
S06s	13515	23-10	0840	Fri	156 240 7 33796 13577 74525 46647 47097 53515 25616 240 7 00000	USB	(AB)
S06s	13515	30-10	0840	Fri	156 156 156 00000	USB	(AB)
S06s	14212	1-10	1210	Thu	175 243 6 42913 43496 72446 49973 33181 65644 243 6 00000	USB	(AB/MPJ)
S06s	14212	8-10	1210	Thu	175 243 6 42913 43496 72446 49973 33181 65644 243 6 00000	USB	(AB)
S06s	14212	15-10	1210	Thu	175 842 6 14199 59354 24162 94031 31670 69901 842 6 00000	USB	(AB/MPJ)
S06s	14212	22-10	1210	Thu	175 842 6 14199 59354 24162 94031 31670 69901 842 6 00000	USB	(AB/MPJ)
S06s	14212	29-10	1210	Thu	175 175 175 00000	USB	(AB/MPJ)
S06s	14505	7-10	1010	Wed	276 893 5 46692 53034 96502 00040 35152 893 5 00000	USB	(AB)
S06s	14505	14-10	1010	Wed	276 893 5 46692 53034 96502 00040 35152 893 5 00000	USB	(AB)
S06s	14505	21-10	1010	Wed	276 914 5 95683 44707 03156 44395 63319 914 5 00000	USB	(AB)
S06s	14505	28-10	1010	Wed	276 914 5 95683 44707 03156 44395 63319 914 5 00000	USB	(AB)
S06s	14580	5-10	0900	Mon	232 894 5 90727 72333 47727 86900 62614 894 5 00000	USB	(AB)
S06s	14580	12-10	0900	Mon	232 894 5 90727 72333 47727 86900 62614 894 5 00000	USB	(AB)

S06s	14580	19-10	0900	Mon	232 479 5 00897 41716 50801 40123 10002 479 5 00000	USB	(AB)
S06s	14580	26-10	0900	Mon	232 479 5 00897 41716 50801 40123 10002 479 5 00000	USB	(AB-RUS)
S06s	15855	6-10	0600	Tue	438 976 5 02989 47624 28885 30877 90473 976 5 00000	USB	(AB-RUS)
S06s	15855	13-10	0600	Tue	438 976 5 02989 47624 28885 30877 90473 976 5 00000	USB	(AB-POL)
S06s	15855	27-10	0600	Tue	438 902 5 82541 98423 70933 15452 08631 902 5 00000	USB	(AB-POL)
S06s	16485	6-10	0610	Tue	438 976 5 02989 47624 28885 30877 90473 976 5 00000	USB	(AB-RUS)
S06s	16485	13-10	0610	Tue	438 976 5 02989 47624 28885 30877 90473 976 5 00000	USB	(AB-RUS)
S06s	16485	27-10	0610	Tue	438 902 5 82541 98423 70933 15452 08631 902 5 00000	USB	(AB-RUS)
S06s	20050	12-10	0640	Mon	462 518 7 91943 58456 74439 59317 44671 77973 45424 518 7 00000	USB	(AB-KWT)
S06s	20050	26-10	0640	Mon	462 957 8 80295 33504 61961 39308 71705 92103 50754 67771 957 8 00000 (barely audible)	USB	(AB-POL)
S06s	22185	12-10	0630	Mon	462 518 7 91943 58456 74439 59317 44671 77973 45424 518 7 00000	USB	(AB-UKR)
S06s	22185	26-10	0630	Mon	462 957 8 80295 33504 61961 39308 71705 92103 50754 67771 957 8 00000 (barely audible)	USB	(AB-UKR)
S11a	4505	2-10	0915	Fri	487/00	USB	(AB/MPJ)
S11a	4505	5-10	0915	Mon	484/00	USB	(AB-POL)
S11a	4505	9-10	0915	Fri	486/00	USB	(AB-POL/MPJ)
S11a	4505	12-10	0915	Mon	486/00	USB	(AB-POL)
S11a	4505	16-10	0915	Fri	480/00	USB	(AB)
S11a	4505	19-10	0915	Mon	484/00	USB	(AB-POL)
S11a	4505	23-10	0915	Fri	480/00	USB	(AB)
S11a	4505	26-10	0915	Mon	483/36 Vnimanije 53035 78383 44611 ... 45159 83717 29412 Vnimanije (message repeated) Konets	USB	(AB-POL)
S11a	4505	30-10	0915	Fri	483/36 Vnimanije 53035 78383 44611 ... 45159 83717 29412 Vnimanije (message repeated) Konets	USB	(AB-POL)
S11a	6433	2-10	1135	Fri	378/00	USB	(AB)
S11a	6433	7-10	1135	Wed	372/00	USB	(AB/MPJ)
S11a	6433	9-10	1135	Fri	377/00	USB	(AB/MPJ)
S11a	6433	14-10	1135	Wed	370/00	USB	(AB/MPJ)
S11a	6433	16-10	1135	Fri	372/00	USB	(AB)
S11a	6433	21-10	1135	Wed	373/37 Vnimanije 95937 68517 07984 ... 10004 33436 79930 Vnimanije (message repeated) Konets	USB	(AB)
S11a	6433	23-10	1135	Fri	373/37 Vnimanije 95937 68517 07984 ... 10004 33436 79930 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	6433	28-10	1135	Wed	370/00	USB	(AB)
S11a	6433	30-10	1135	Fri	377/00	USB	(AB/MPJ)
S11a	7469	2-10	1020	Fri	420/00	USB	(AB)
S11a	7469	6-10	1020	Tue	425/38 Vnimanije 15253 17555 80521 ... 87771 26051 28586 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	7469	9-10	1020	Fri	425/38 Vnimanije 15253 17555 80521 ... 87771 26051 28586 Vnimanije (message repeated) Konets	USB	(AB)
S11a	7469	13-10	1020	Tue	427/00	USB	(AB)
S11a	7469	16-10	1020	Fri	422/00	USB	(AB/MPJ)
S11a	7469	20-10	1020	Tue	425/00	USB	(AB)
S11a	7469	23-10	1020	Fri	427/00	USB	(AB)
S11a	7469	27-10	1020	Tue	427/00	USB	(AB)
S11a	7469	30-10	1020	Fri	427/00	USB	(AB)
S11a	8597	1-10	0700	Thu	476/00	USB	(AB)
S11a	8597	5-10	0700	Mon	475/00	USB	(AB)
S11a	8597	8-10	0700	Thu	477/00	USB	(AB)
S11a	8597	12-10	0700	Mon	476/00	USB	(AB)
S11a	8597	15-10	0700	Thu	471/00	USB	(AB)
S11a	8597	19-10	0700	Mon	471/40 Vnimanije 56013 78008 97662 ... 15164 53954 45514 Vnimanije (message repeated) Konets	USB	(AB)
S11a	8597	22-10	0700	Thu	471/40 Vnimanije 56013 78008 97662 ... 15164 53954 45514 Vnimanije (message repeated) Konets	USB	(AB)
S11a	8597	26-10	0700	Mon	476/00	USB	(AB)

S11a	8597	29-10	0700	Thu	471/00		USB	(AB)
S11a	10213	3-10	1850	Sat	280/00		USB	(AB/MPJ)
S11a	10213	7-10	1850	Wed	288/00		USB	(AB/MPJ)
S11a	10213	10-10	1850	Sat	287/00		USB	(AB/MPJ)
S11a	10213	14-10	1850	Wed	287/32 Vnmaniye 79540 84833 66417 ... 73365 33395 54793 Vnmaniye (message repeated) Konets		USB	(AB)
S11a	10213	17-10	1850	Sat	287/32 Vnmaniye 79540 84833 66417 ... 73365 33395 54793 Vnmaniye (message repeated) Konets		USB	(AB-POL/MPJ)
S11a	10213	21-10	1850	Wed	286/00		USB	(AB)
S11a	10213	24-10	1850	Sat	288/00		USB	(AB)
S11a	10213	28-10	1850	Wed	287/00		USB	(AB)
S11a	10213	31-10	1850	Sat	280/00		USB	(AB/MPJ)
S11a	11116	5-10	0510	Mon	654/00		USB	(AB)
S11a	11116	7-10	0510	Wed	651/00		USB	(AB-POL)
S11a	11116	12-10	0510	Mon	657/00		USB	(AB)
S11a	11116	19-10	0510	Mon	656/00		USB	(AB)
S11a	11116	21-10	0510	Wed	655/00		USB	(AB-POL)
S11a	11116	26-10	0510	Mon	655/31=01538		USB	(HFD)
S11a	11116	26-10	0510	Mon	654/31 Vnmaniye 01432 67405 53764 ... 09770 22477 47816 Vnmaniye (message repeated) Konets		USB	(AB)
S11a	14415	5-10	0715	Mon	381/00		USB	(AB-POL)
S11a	14415	7-10	0715	Wed	383/00		USB	(AB-POL)
S11a	14415	12-10	0715	Mon	381/33 Vnmaniye 07440 29011 46957 ... 40139 85162 59881 Vnmaniye (message repeated) Konets		USB	(AB-POL)
S11a	14415	14-10	0715	Wed	381/33 Vnmaniye 07440 29011 46957 ... 50139 85162 59881 Vnmaniye (message repeated) Konets		USB	(AB-POL)
S11a	14415	19-10	0715	Mon	385/00		USB	(AB-POL)
S11a	14415	21-10	0715	Wed	381/00		USB	(AB)
S11a	14415	26-10	0715	Mon	389/00		USB	(AB)
S11a	14415	28-10	0715	Wed	383/00		USB	(AB)
S28	4625	1-10	1339	Thu	VZhCH 2170 2170 67078 56132 BOBKOWYJ 2914 8945 K		USB	(Gwr)
S28	4625	30-10	1741	Fri	Buzzer channel marker		USB	(AB)
S30	3756	6-10	1535	Tue	LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CShchJ 27Shch' N1DU 53OB		USB	(Gwr)
S30	3756	7-10	1542	Wed	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260 HLADOSRAM 268		USB	(Gwr)
S30	3756	9-10	1630	Fri	8S1Shch YaLOHOR 109		USB	(Gwr)
S30	3756	21-10	1550	Wed	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151		USB	(Gwr)
S30	3756	26-10	1535	Mon	8S1Shch 51837 VYeTROTASS 8245 8340 confusion and test counts before message		USB	(Gwr)
S30	3756	26-10	1543	Mon	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251		USB	(Gwr)
S30	3756	26-10	1735	Mon	8S1Shch 83441 ASSONANS 52911 84677 (new format message: 5fig groups after codeword) No follow up messages from rest of network		USB	(Gwr)
S30	3756	27-10	1547	Tue	8S1Shch 95499 NORIYa 2276 0723		USB	(Gwr)
S30	3756	28-10	1541	Wed	8S1Shch 74948 GAKOHIOS 0725 6472		USB	(Gwr)
S30	3756	30-10	1730	Fri	Pip channel marker		USB	(AB)
S30	5448	1-10	1336	Thu	8S1Shch 46026 VODOZAM 6030 3600 MYeROChKA 7804 9453		USB	(Gwr)
S30	5448	2-10	0833	Fri	DYeAY JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V. Same pools and order as September 11th		USB	(Gwr)
S30	5448	2-10	1117	Fri	8S1Shch KLARYeT 0151		USB	(Gwr)
S30	5448	2-10	1117	Fri	8S1Shch ZAKAT 4321. Not repeated by S32		USB	(Gwr)
S30	5448	2-10	1248	Fri	ZhSK4 HZ5T 5FSShch A3PS 8MUO TUZR 5J7Shch DMC3 49FT C2ZA		USB	(Gwr)
S30	5448	5-10	1247	Mon	8S1Shch 13611 VYMYa 8864 5452		USB	(Gwr)
S30	5448	5-10	1257	Mon	8MUO TUZR 5J7Shch DMC3 49FT C2ZA ShchGJP TZLM FY5Ye F61N		USB	(Gwr)
S30	5448	5-10	1358	Mon	8S1Shch 01449 DUSHoShKAF 1663 7196		USB	(Gwr)
S30	5448	7-10	0820	Wed	8S1Shch ShchITONARY 160		USB	(Gwr)

S30	5448	7-10	0927	Wed	8S1Shch 79398 BEhRObLYuM 9518 4937	USB	(Gwr)
S30	5448	7-10	0929	Wed	8S1Shch 71233 MYShKA 3538 6985	USB	(Gwr)
S30	5448	7-10	1000	Wed	8S1Shch HLADOSRAM 168	USB	(Gwr)
S30	5448	7-10	1023	Wed	8S1Shch 98075 MORkovNYJ 0506 1330	USB	(Gwr)
S30	5448	7-10	1203	Wed	CI9V ZhSK4 HZ5T 5FSShch A3PS 8MUO TUZR 5J7Shch DMC3 49FT	USB	(Gwr)
S30	5448	9-10	1345	Fri	79AJ ShchT3O CIIHS Z7PM S7ZhG Z'1B CI9V ZhSK4 HZ5T 5FSShch	USB	(Gwr)
S30	5448	14-10	1211	Wed	8S1Shch 10081 DYeBYuTANT 4592 1917	USB	(Gwr)
S30	5448	15-10	1411	Thu	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251	USB	(Gwr)
S30	5448	16-10	0926	Fri	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151 YaLOHOR 109	USB	(Gwr)
S30	5448	16-10	1255	Fri	TUZR 5J7Shch DMC3 49FT C2ZA ShchGJP TZLM FY5Ye F61N 37CN	USB	(Gwr)
S30	5448	16-10	1304	Fri	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251 YaLOHOR 209	USB	(Gwr)
S30	5448	19-10	1043	Mon	8S1Shch 38007 NILOVNUK 4024 2182	USB	(Gwr)
S30	5448	19-10	1152	Mon	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151	USB	(Gwr)
S30	5448	21-10	0914	Wed	8S1Shch SBYTOSYeV 112	USB	(Gwr)
S30	5448	21-10	1248	Wed	8S1Shch SBYTOSYeV 212	USB	(Gwr)
S30	5448	21-10	1254	Wed	8S1Shch 04450 LYeVORUL' 8962 8922	USB	(Gwr)
S30	5448	21-10	1429	Wed	8S1Shch 05664 VKUSOKON 6291 0171	USB	(Gwr)
S30	5448	22-10	0826	Thu	8S1Shch 20844 MATChOMIR 5364 3189	USB	(Gwr)
S30	5448	22-10	0905	Thu	NLCYe LI27 V2MZ SB7Z 'O6P Y8VM 6I2Zh 8CSHchJ 27Shch' N1DU. Same pool and order as March 4th & March 13th and Sept 29th night time dlya	USB	(Gwr)
S30	5448	23-10	1023	Fri	49FT C2ZA ShchGJP TZLM FY5Ye 37CN MUDR 7VNShch Zh7NZh YMA5. Same pool & order as September 30th	USB	(Gwr)
S30	5448	23-10	1105	Fri	8S1Shch KOROSTA 0925 1415. No follow up messages from rest of network	USB	(Gwr)
S30	5448	23-10	1217	Fri	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251	USB	(Gwr)
S30	5448	26-10	1200	Mon	ZhD9V 42BV 81BR M7KS PMV5 L'GJ KZI' TShchShchs VKY1 HCLF	USB	(Gwr)
S30	5448	26-10	1225	Mon	8S1Shch 19472 BRATNIN 9848 1474	USB	(Gwr)
S30	5448	27-10	0915	Tue	ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V ZhSK4 HZ5T 5FSShch A3PS	USB	(Gwr)
S30	5448	28-10	1015	Wed	F56Shch 9GSA ZhBZU 4RVZ 3VS' DKJ1 ZhD9B 42BV 81BR M7KS	USB	(Gwr)
S30	5448	31-10	1328	Sat	Pip channel marker	USB	(AB)
S30	6913	19-10	1043	Mon	8S1Shch 38007 NILOVNUK 4024 2182	USB	(Gwr)
S30	6913	19-10	1152	Mon	8S1Shch SBYTOSYeV 112 ChYeSTNOST' 151	USB	(Gwr)
S32	3828	6-10	1517	Tue	Al'fa-45 02136 KORTODYeK 5171 8797 Sent independently of S30 (no prior message)	USB	(Gwr)
S32	3828	7-10	1545	Wed	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251 ShchITONARY 260 HLADOSRAM 268	USB	(Gwr)
S32	3828	9-10	1633	Fri	Al'fa-45 YaLOHOR 109	USB	(Gwr)
S32	3828	21-10	1552	Wed	Al'fa-45 SBYTOSYeV 112 ChYeSTNOST' 151	USB	(Gwr)
S32	3828	26-10	1538	Mon	Al'fa-45 29283 KLIKOSVISHch 5030 9751	USB	(Gwr)
S32	3828	26-10	1546	Mon	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251	USB	(Gwr)
S32	3828	27-10	1553	Tue	Al'fa-45 96104 AVIAZAVOD 2513 3885	USB	(Gwr)
S32	3828	30-10	1731	Fri	Squeaky Wheel channel marker	USB	(AB)
S32	5473	1-10	1410	Thu	Penza-07 Yahta-94 Firna-85 Stupa-32 Dzhigit-46 Landysh-74 Storozh-62 Nevka-26	USB	(Gwr)
S32	5473	2-10	1119	Fri	Al'fa-45 KLARYeT 0151	USB	(Gwr)
S32	5473	2-10	1413	Fri	Al'fa-45 DOLGOFRIz 4566	USB	(Gwr)
S32	5473	5-10	1250	Mon	Al'fa-45 46466 LYuFTOKORT 5547 9951	USB	(Gwr)
S32	5473	5-10	1403	Mon	Al'fa-45 56526 IDISHOKVIT 4336 3719	USB	(Gwr)
S32	5473	6-10	1405	Tue	Penza-07 Yahta-94 Firna-85 Pesochnyj-21 Sliva-94 Alyeut-09 Fakyel-36 Kovboj-39	USB	(Gwr)
S32	5473	7-10	0933	Wed	Al'fa-45 84867 MYeROChNYJ 3690 6729	USB	(Gwr)
S32	5473	7-10	0935	Wed	Al'fa-45 12872 ZVONOKUM 4936 2605	USB	(Gwr)
S32	5473	7-10	1004	Wed	Al'fa-45 HLADOSRAM 168	USB	(Gwr)

S32	5473	7-10	1027	Wed	Al'fa-45 86866 VLYeTOBLOK 3676 5580	USB	(Gwr)
S32	5473	9-10	1515	Fri	Penza-07 Leggina-38 Karta-11 Pesochnyj-21 Stupa-32 Fontan-34 Landysh-74 Ruzh'e-26	USB	(Gwr)
S32	5473	14-10	1216	Wed	Al'fa-45 57211 OBMIRAN'Ye 5377 3519	USB	(Gwr)
S32	5473	15-10	1413	Thu	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251	USB	(Gwr)
S32	5473	16-10	0929	Fri	Al'fa-45 SBYTOSYeV 112 ChYeSTNOST' 151 YaLOHOR 109	USB	(Gwr)
S32	5473	16-10	1308	Fri	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251 YaLOHOR 209	USB	(Gwr)
S32	5473	16-10	1340	Fri	Penza-07 Yahta-94 Serna-85 Stupa-32 Dzhigit-46 Landysh-74 Storozh-62 Kovboj-39 (Callsign previously heard as "Firna-85" is actually "Serna-85")	USB	(Gwr)
S32	5473	19-10	1047	Mon	Al'fa-45 74281 BINTOTYL 5957 8488	USB	(Gwr)
S32	5473	19-10	1154	Mon	Al'fa-45 SBYTOSYeV 112 ChYeSTNOST' 151	USB	(Gwr)
S32	5473	21-10	0916	Wed	Al'fa-45 SBYTOSYeV 112	USB	(Gwr)
S32	5473	21-10	1259	Wed	Al'fa-45 23572 GROMOKLYeV 1116 6558	USB	(Gwr)
S32	5473	21-10	1432	Wed	Al'fa-45 22602 GORNOVOYaZh 8379 3651	USB	(Gwr)
S32	5473	22-10	0829	Thu	Al'fa-45 00112 VLYeTOBLOK 3676 5580	USB	(Gwr)
S32	5473	23-10	0845	Fri	Dubler-68 Penza-07 Stazher-29 Leggina-38 Yahta-94 Zaslonka-27 Karta-11 Serna-85	USB	(Gwr)
S32	5473	23-10	1219	Fri	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251	USB	(Gwr)
S32	5473	26-10	1229	Mon	Al'fa-45 89913 ZUDOLYuB 6487 6475	USB	(Gwr)
S32	5473	26-10	1350	Mon	Penza-07 Yahta-94 Serna-85 Stupa-32 Dzhigit-46 Landysh-74 Fakyel-36 Storozh-62	USB	(Gwr)
S32	5473	27-10	1300	Tue	Pesochnyj-21 Shuler-60 Stupa-32 Sliva-94 Utes-94 Dzhigit-46 Fontan-34 Alyeut-09	USB	(Gwr)
S32	5473	28-10	1200	Wed	Dubler-68 Penza-07 Yahta-94 Serna-85 Utes-94 Ruzh'e-26 Burka-37 Nevka-26	USB	(Gwr)
S32	5473	28-10	1544	Wed	Al'fa-45 09149 ADORANT 6035 9496	USB	(Gwr)
S32	5473	31-10	1328	Sat	Squeaky Wheel channel marker	USB	(AB)
UM03	4855	4-10	1202	Sun	i.p. DE GA 7G NR 95662 NR 95662 CK 100 CK 100 = .NR.. I YFW NXXCF RGLWA DGKUU AOP...	CW	(JPL-HK)
UM03	5599	4-10	1213	Sun	i.p. D75T7 45AUN 44475 43DU4 43UAA ... AR SK	CW	(JPL-HK)
UM03	7920	22-10	0920	Thu	CQ (x3) DE X2M (x2) VVV MSG MSG (X3) NR 01 01 CK 100 CK 100 TIME 0421 TIME 0421 DATE 1010 DATE 1010 = on 7920//8250//8410 kHz	CW	(JPL-HK)
UM03	8250	22-10	0920	Thu	CQ (x3) DE X2M (x2) VVV MSG MSG (X3) NR 01 01 CK 100 CK 100 TIME 0421 TIME 0421 DATE 1010 DATE 1010 = on 7920//8250//8410 kHz	CW	(JPL-HK)
UM03	8410	22-10	0920	Thu	CQ (x3) DE X2M (x2) VVV MSG MSG (X3) NR 01 01 CK 100 CK 100 TIME 0421 TIME 0421 DATE 1010 DATE 1010 = on 7920//8250//8410 kHz	CW	(JPL-HK)
UM10	3362	15-10	1154	Thu	10-minutes net: 6G5Y	CW	(JPL-RUS)
V07	13425	11-10	0140	Sun	974 974 974 1 7074 118 68559 68782 78883 25279 ... 83133 53720 000 000	USB	(Dan)
V07	13425	25-10	0140	Sun	974 1 via KiwiSDR USA		(HFD-USA)
V07	13425	25-10	0140	Sun	974 974 974 1 6873 126 14554 30339 67397 07696 ... 37694 83556 000 000	USB	(Dan)
V07	14725	4-10	0120	Sun	974 974 974 1 411 102 16274 11009 10561 00387 ... 35850 61934 000 000	USB	(Dan)
V07	14725	11-10	0120	Sun	974 974 974 1 7074 118 68559 68782 78883 25279 ... 83133 53720 000 000	USB	(Dan)
V07	14725	18-10	0120	Sun	974 974 974 1 877 104 61325 96263 05780 89885 ... 59689 40232 000 000	USB	(Dan)
V07	14725	25-10	0120	Sun	974 1 via KiwiSDR USA		(HFD-USA)
V07	14725	25-10	0120	Sun	974 974 974 1 6873 126 14554 30339 67397 07696 ... 37694 83556 000 000	USB	(Dan)
V07	15925	11-10	0100	Sun	974 974 974 1 7074 118 68559 68782 78883 25279 ... 83133 53720 000 000	USB	(Dan)
V07	15925	25-10	0100	Sun	974 1-6873/126= 14554 v		(HFD-USA)
V07	15925	25-10	0100	Sun	974 974 974 1 6873 126 14554 30339 67397 07696 ... 37694 83556 000 000	USB	(Dan)
V26	4243	22-10	0903	Thu	Voice transmission. Repeats M95's message //9054	USB	(JPL)
V26	9054	22-10	0903	Thu	Voice transmission. Repeats M95's message //4243	USB	(JPL)
X06	10176	26-10	0938	Mon	i.p. MFA Moscow clg 463125: Russian embassy Rabat //12224 kHz	MFSK-6	(AB)
X06	11158	19-10	0757	Mon	MFA Moscow clg 263514	MFSK-6	(AB)
X06	11438	5-10	0806	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(AiR)

X06	11537	12-10	0806	Mon	MFA Moscow clg 421635 Russian embassy Oslo	MFSK-6	(DMS)
X06	11562	5-10	0736	Mon	MFA Moscow clg 432516 Russian embassy Bern	MFSK-6	(DMS)
X06	12133	8-10	0820	Thu	MFA Moscow clg 153624 Russian embassy Damascus	MFSK-6	(DMS)
X06	12224	12-10	0943	Mon	MFA Moscow clg 463125 Russian embassy Rabat	MFSK-6	(DMS)
X06	12224	26-10	0938	Mon	i.p. MFA Moscow clg 463125: Russian embassy Rabat //10176 kHz	MFSK-6	(AB)
X06	13401	6-10	0835	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AiR)
X06	13411	6-10	0903	Tue	MFA Moscow clg 165423 Russian embassy Brussels	MFSK-6	(DMS)
X06	13448	1-10	0719	Thu	MFA Moscow clg 162543: Russian embassy Nicosia	MFSK-6	(AiR)
X06	13519	7-10	0921	Wed	Single tone: 666666	MFSK-6	(AB)
X06	14358	6-10	0852	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AiR)
X06	14358	6-10	0903	Tue	MFA Moscow clg 154263 Russian embassy Rome	MFSK-6	(DMS)
X06	14377	5-10	0813	Mon	MFA Moscow clg 432516 Russian embassy Bern	MFSK-6	(DMS)
X06	14414	11-10	1048	Sun	MFA Moscow clg 145632 Russian embassy Algiers	MFSK-6	(DMS)
X06	14570	2-10	0823	Fri	MFA Moscow clg 324615: Russian embassy Madrid	MFSK-6	(AiR)
X06	14630	7-10	0823	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(AiR)
X06	14631	7-10	0820	Wed	MFA Moscow clg 362154 Russian embassy Athens	MFSK-6	(DMS)
X06	14635	7-10	0820	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(AiR)
X06	14812	6-10	0920	Tue	MFA Moscow clg 246531 Russian embassy Acra	MFSK-6	(DMS)
X06	17444	14-10	0754	Wed	MFA Moscow clg 435621: Russian embassy Maputo ended 0755z	MFSK-6	(AB)
X06	17454	6-10	1154	Tue	MFA Moscow clg 325614 Russian embassy Nairobi	MFSK-6	(DMS)
X06	17475	12-10	0816	Mon	MFA Moscow clg 156234 Russian embassy Kampala	MFSK-6	(DMS)
X06b	10320	7-10	0822	Wed	111666	MFSK-6/AM	(AB)
X06b	10962	3-10	1045	Sat	111666 before XPB1. Also at 1059 and 1121 UTC	MFSK-6	(DMS)
X06b	11156	7-10	1605	Wed	111666 before E07	MFSK-6	(AB)
X06b	11562	3-10	1046	Sat	111666 before XPB1. Also at 1104 and 1122 UTC	MFSK-6	(DMS)
X06b	12162	3-10	1047	Sat	111666 before XPB1. Also at 1110 and 1123 UTC	MFSK-6	(DMS)
X06b	13449	3-10	1313	Sat	111666 before E07. Also at 1315 UTC	MFSK-6	(AB)
X06b	13452	2-10	1135	Fri	111666 before XPA2	MFSK-6	(AB)
X06b	13462	3-10	1048	Sat	111666 before XPB1, Also at 1118 and 1124 UTC	MFSK-6	(AiR/DMS)
X06b	13472	7-10	0945	Wed	111666 before XPA2	MFSK-6	(DMS)
X06b	13962	3-10	1049	Sat	111666 before XPB1. Also at 1118 and 1125 UTC	MFSK-6	(AiR/DMS)
X06b	14462	3-10	1051	Sat	111666 before XPB1. Also at 1119 and 1126 UTC	MFSK-6	(AiR/DMS)
X06b	14469	4-10	1052	Sun	111666 before XPA2. Also at 1057, 1100 UTC	MFSK-6	(AB)
X06b	14672	28-10	0940	Wed	111666 before XPA2. Also at 0953 UTC	MFSK-6	(Dan)
X06b	14849	3-10	1316	Sat	111666 before E07	MFSK-6	(AB)
X06b	15852	2-10	1122	Fri	111666 before XPA2	MFSK-6	(AB)
X06b	16338	10-10	0827	Sat	111666 before XPA2	MFSK-6	(DMS)
XPA	12167	1-10	0710	Thu	249 249 249 1 00245 00076 15953... 13038 13218 64127	MFSK-20/10bd	(AB)
XPA	12167	6-10	0710	Tue	249 249 249 000 06859 00001 00000 41663	MFSK-20/10bd	(AB)
XPA	12167	8-10	0710	Thu	249 249 249 000 05498 00001 00000 37266	MFSK-20/10bd	(AB)
XPA	12167	13-10	0710	Tue	249 249 249 000 03366 00001 00000 35661	MFSK-20/10bd	(AB)
XPA	12167	15-10	0710	Thu	249 249 249 000 07440 00001 00000 33263	MFSK-20/10bd	(AB)
XPA	12167	20-10	0710	Tue	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	12167	22-10	0710	Thu	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	12167	27-10	0710	Tue	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	12167	29-10	0710	Thu	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	13437	1-10	0730	Thu	249 249 249 1 00245 00076 15953... 13038 13218 64127	MFSK-20/10bd	(AB)

XPA	13437	6-10	0730	Tue	249 249 249 000 06859 00001 00000 41663	MFSK-20/10bd	(AB)
XPA	13437	8-10	0730	Thu	249 249 249 000 05498 00001 00000 37266	MFSK-20/10bd	(AB)
XPA	13437	13-10	0730	Tue	249 249 249 000 03366 00001 00000 35661	MFSK-20/10bd	(AB)
XPA	13437	15-10	0730	Thu	249 249 249 000 07440 00001 00000 33263	MFSK-20/10bd	(AB)
XPA	13437	20-10	0730	Tue	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	13437	22-10	0730	Thu	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	13437	27-10	0730	Tue	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	13437	29-10	0730	Thu	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	14972	1-10	0750	Thu	249 249 249 1 00245 00076 15953... 13038 13218 64127	MFSK-20/10bd	(AB)
XPA	14972	6-10	0750	Tue	249 249 249 000 06859 00001 00000 41663	MFSK-20/10bd	(AB)
XPA	14972	8-10	0750	Thu	249 249 249 000 05498 00001 00000 37266	MFSK-20/10bd	(AB)
XPA	14972	13-10	0750	Tue	249 249 249 000 03366 00001 00000 35661	MFSK-20/10bd	(AB)
XPA	14972	15-10	0750	Thu	249 249 249 000 07440 00001 00000 33263	MFSK-20/10bd	(AB)
XPA	14972	20-10	0750	Tue	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	14972	22-10	0750	Thu	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	14972	27-10	0750	Tue	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA	14972	29-10	0750	Thu	249 249 249 1 08105 00100 53006 ... 21318 82217 01574	MFSK-20/10bd	(AB)
XPA1	12167	13-10	0710	Tue	msg	MFSK-20/10Bd	(HFD)
XPA1	13457	13-10	0730	Tue	msg	MFSK-20/10Bd	(HFD)
XPA1	14972	13-10	0750	Tue	msg	MFSK-20/10Bd	(HFD)
XPA2	10737	27-10	1140	Tue	06660 00001 00000 34264	MFSK-16/29Bd	(AB/MPJ)
XPA2	10737	30-10	1140	Fri	06371 00001 00000 33265	MFSK-16/29Bd	(AB/MPJ/RL)
XPA2	10906	3-10	1540	Sat	00208 00194 84374 ... 36383 05368 35417	MFSK-16/20Bd	(AB)
XPA2	10906	5-10	1540	Mon	07869 00001 00000 41665	MFSK-16/20Bd	(AB/MPJ)
XPA2	10906	10-10	1540	Sat	01244 00001 00000 34255	MFSK-16/20Bd	(AB)
XPA2	10906	12-10	1540	Mon	08912 00267 99138 ... 65127 23372 03542	MFSK-16/20Bd	(AB/MPJ)
XPA2	10906	17-10	1540	Sat	08912 00267 99138 ... 65127 23372 03542	MFSK-16/20Bd	(AB/HFD)
XPA2	10906	19-10	1540	Mon	02929 00001 00000 42254	MFSK-16/20Bd	(AB)
XPA2	10906	24-10	1540	Sat	04139 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	10906	26-10	1540	Mon	09443 00201 03535 ... 21276 50302 73152	MFSK-16/20Bd	(AB/MPJ)
XPA2	10906	31-10	1540	Sat	09443 00201 03535 ... 21276 50302 73152	MFSK-16/20Bd	(AB)
XPA2	11442	1-10	1640	Thu	02411 00001 00000 33653	MFSK-16/20bd	(AB/GHn/MPJ)
XPA2	11442	6-10	1640	Tue	00475 00218 84584 ... 55294 14060 73472	MFSK-16/20bd	(AB/MPJ)
XPA2	11442	8-10	1640	Thu	00475 00218 84584 ... 55294 14060 73472	MFSK-16/20bd	(AB/MPJ/RL-HOL)
XPA2	11442	13-10	1640	Tue	02991 00001 00000 36263	MFSK-16/20bd	(AB/MPJ)
XPA2	11442	15-10	1640	Thu	01848 00001 00000 11255	MFSK-16/20bd	(AB)
XPA2	11442	20-10	1640	Tue	07101 00296 83003 ... 53838 92967 00445	MFSK-16/20bd	(AB/HFD)
XPA2	11442	22-10	1640	Thu	07101 00296 83003 ... 53838 92967 00445	MFSK-16/20bd	(AB/MPJ)
XPA2	11442	27-10	1640	Tue	09819 00001 00000 41662	MFSK-16/20bd	(AB)
XPA2	11442	29-10	1640	Thu	04187 00001 00000 35264	MFSK-16/20bd	(AB)
XPA2	12106	3-10	1520	Sat	00208 00194 84374 ... 36383 05368 35417	MFSK-16/20Bd	(AB)
XPA2	12106	5-10	1520	Mon	07869 00001 00000 41665	MFSK-16/20Bd	(AB/MPJ)
XPA2	12106	10-10	1520	Sat	01244 00001 00000 34255	MFSK-16/20Bd	(AB)
XPA2	12106	12-10	1520	Mon	08912 00267 99138 ... 65127 23372 03542	MFSK-16/20Bd	(AB/MPJ)
XPA2	12106	17-10	1520	Sat	08912 00267 99138 ... 65127 23372 03542	MFSK-16/20Bd	(AB/HFD)
XPA2	12106	19-10	1520	Mon	02929 00001 00000 42254	MFSK-16/20Bd	(AB)
XPA2	12106	24-10	1520	Sat	04139 00001 00000 36257	MFSK-16/20Bd	(AB)

XPA2	12106	26-10	1520	Mon	09443 00201 03535 ... 21276 50302 73152	MFSK-16/20Bd	(AB/MPJ)
XPA2	12106	31-10	1520	Sat	09443 00201 03535 ... 21276 50302 73152	MFSK-16/20Bd	(AB)
XPA2	12142	1-10	1620	Thu	02411 00001 00000 33653	MFSK-16/20bd	(AB/MPJ)
XPA2	12142	6-10	1620	Tue	00475 00218 84584 ... 55294 14060 73472	MFSK-16/20bd	(AB/MPJ)
XPA2	12142	8-10	1620	Thu	00475 00218 84584 ... 55294 14060 73472	MFSK-16/20bd	(AB/MPJ/RL-HOL)
XPA2	12142	13-10	1620	Tue	02991 00001 00000 36263	MFSK-16/20bd	(AB/MPJ)
XPA2	12142	15-10	1620	Thu	01848 00001 00000 11255	MFSK-16/20bd	(AB)
XPA2	12142	20-10	1620	Tue	07101 00296 83003 ... 53838 92967 00445	MFSK-16/20bd	(AB/HFD)
XPA2	12142	22-10	1620	Thu	07101 00296 83003 ... 53838 92967 00445	MFSK-16/20bd	(AB/MPJ)
XPA2	12142	27-10	1620	Tue	09819 00001 00000 41662	MFSK-16/20bd	(AB)
XPA2	12142	29-10	1620	Thu	04187 00001 00000 35264	MFSK-16/20bd	(AB)
XPA2	12172	1-10	1140	Thu	06023 00177 69100 ... 87107 79395 17156	MFSK-16/20bd	(AB)
XPA2	12172	7-10	1140	Wed	06566 00001 00000 36664	MFSK-16/20bd	(AB/MPJ)
XPA2	12172	8-10	1140	Thu	01678 00001 0000 00260	MFSK-16/20bd	(AB/MPJ)
XPA2	12172	14-10	1140	Wed	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB/MPJ/HFD)
XPA2	12172	15-10	1140	Thu	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB/MPJ/RL)
XPA2	12172	21-10	1140	Wed	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB)
XPA2	12172	22-10	1140	Thu	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB/RL)
XPA2	12172	28-10	1140	Wed	02740 00001 00000 34656	MFSK-16/20bd	(AB)
XPA2	12172	29-10	1140	Thu	09313 00001 00000 34262	MFSK-16/20bd	(AB/MPJ)
XPA2	13372	5-10	0700	Mon	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	13372	7-10	0700	Wed	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	13372	12-10	0700	Mon	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	13372	14-10	0700	Wed	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	13372	19-10	0700	Mon	06057 00001 00000 34663	MFSK-16/20Bd	(AB/HFD)
XPA2	13372	21-10	0700	Wed	09632 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	13372	26-10	0700	Mon	01976 00001 00000 40660	MFSK-16/20Bd	(AB)
XPA2	13372	28-10	0700	Wed	09161 00001 00000 32267	MFSK-16/20Bd	(AB)
XPA2	13437	27-10	1120	Tue	06660 00001 00000 34264	MFSK-16/29Bd	(AB/MPJ)
XPA2	13437	30-10	1120	Fri	06371 00001 00000 33265	MFSK-16/29Bd	(AB/MPJ/RL)
XPA2	13452	2-10	1200	Fri	07182 00064 60209 ... 97969 58099 74370	MFSK-16/20bd	(AB/MPJ)
XPA2	13452	7-10	1200	Wed	00429 00162 44578 ... 15502 46140 25445	MFSK-16/20bd	(AB)
XPA2	13452	9-10	1200	Fri	00429 00162 44578 ... 15502 46140 25445	MFSK-16/20bd	(AB)
XPA2	13452	14-10	1200	Wed	00392 00186 58969 ... 79336 29407 53315	MFSK-16/20bd	(AB)
XPA2	13452	16-10	1200	Fri	00392 00186 58969 ... 79336 29407 53315	MFSK-16/20bd	(AB/MPJ)
XPA2	13452	21-10	1200	Wed	00306 00154 13392 ... 01503 42171 32101	MFSK-16/20bd	(AB)
XPA2	13452	23-10	1200	Fri	00306 00154 13392 ... 01503 42171 32101	MFSK-16/20bd	(AB/MPJ)
XPA2	13452	28-10	1200	Wed	00562 00214 75402 ... 71248 98193 98204 56737	MFSK-16/20bd	(AB)
XPA2	13452	30-10	1200	Fri	00562 00214 75402 ... 71248 98193 98204 56737	MFSK-16/20bd	(AB)
XPA2	13472	1-10	1120	Thu	06023 00177 69100 ... 87107 79395 17156	MFSK-16/20bd	(AB)
XPA2	13472	7-10	1120	Wed	06566 00001 00000 36664	MFSK-16/20bd	(AB/MPJ)
XPA2	13472	8-10	1120	Thu	01678 00001 0000 00260	MFSK-16/20bd	(AB/MPJ)
XPA2	13472	14-10	1120	Wed	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB/MPJ/HFD)
XPA2	13472	15-10	1120	Thu	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB/MPJ)
XPA2	13472	21-10	1120	Wed	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB)
XPA2	13472	22-10	1120	Thu	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB/RL)
XPA2	13472	28-10	1120	Wed	02740 00001 00000 34656	MFSK-16/20bd	(AB)

XPA2	13472	29-10	1120	Thu	09313 00001 00000 34262	MFSK-16/20bd	(AB/MPJ)
XPA2	13542	1-10	1600	Thu	02411 00001 00000 33653	MFSK-16/20bd	(AB/MPJ)
XPA2	13542	6-10	1600	Tue	00475 00218 84584 ... 55294 14060 73472	MFSK-16/20bd	(AB/MPJ)
XPA2	13542	8-10	1600	Thu	00475 00218 84584 ... 55294 14060 73472	MFSK-16/20bd	(AB/MPJ)
XPA2	13542	13-10	1600	Tue	02991 00001 00000 36263	MFSK-16/20bd	(AB/MPJ)
XPA2	13542	15-10	1600	Thu	01848 00001 00000 11255	MFSK-16/20bd	(AB)
XPA2	13542	20-10	1600	Tue	07101 00296 83003 ... 53838 92967 00445	MFSK-16/20bd	(AB/HFD)
XPA2	13542	22-10	1600	Thu	07101 00296 83003 ... 53838 92967 00445	MFSK-16/20bd	(AB/MPJ)
XPA2	13542	27-10	1600	Tue	09819 00001 00000 41662	MFSK-16/20bd	(AB-RUS)
XPA2	13542	29-10	1600	Thu	04187 00001 00000 35264	MFSK-16/20bd	(AB)
XPA2	13906	3-10	1500	Sat	00208 00194 84374 ... 36383 05368 35417	MFSK-16/20Bd	(AB)
XPA2	13906	5-10	1500	Mon	07869 00001 00000 41665	MFSK-16/20Bd	(AB/MPJ)
XPA2	13906	10-10	1500	Sat	01244 00001 00000 34255	MFSK-16/20Bd	(AB)
XPA2	13906	12-10	1500	Mon	08912 00267 99138 ... 65127 23372 03542	MFSK-16/20Bd	(AB/MPJ)
XPA2	13906	17-10	1500	Sat	08912 00267 99138 ... 65127 23372 03542	MFSK-16/20Bd	(AB/HFD)
XPA2	13906	19-10	1500	Mon	02929 00001 00000 42254	MFSK-16/20Bd	(AB)
XPA2	13906	24-10	1500	Sat	04139 00001 00000 36257	MFSK-16/20Bd	(AB)
XPA2	13906	26-10	1500	Mon	09443 00201 03535 ... 21276 50302 73152	MFSK-16/20Bd	(AB/MPJ)
XPA2	13906	31-10	1500	Sat	09443 00201 03535 ... 21276 50302 73152	MFSK-16/20Bd	(AB/GHn)
XPA2	14406	5-10	0950	Mon	08271 00001 00000 32667	MFSK-16/20Bd	(AB)
XPA2	14406	7-10	0950	Wed	01236 00001 00000 35254	MFSK-16/20Bd	(AB)
XPA2	14406	12-10	0950	Mon	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB)
XPA2	14406	14-10	0950	Wed	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB)
XPA2	14406	19-10	0950	Mon	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB)
XPA2	14406	21-10	0950	Wed	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB/HFD)
XPA2	14406	21-10	0950	Fri	msg	MFSK-16/20Bd	(HFD)
XPA2	14406	26-10	0950	Mon	09564 00001 00000 35667	MFSK-16/20Bd	(AB)
XPA2	14406	28-10	0950	Wed	01388 00001 00000 36661	MFSK-16/20Bd	(AB/RL)
XPA2	14452	2-10	1220	Fri	07182 00064 60209 ... 97969 58099 74370	MFSK-16/20bd	(AB/MPJ)
XPA2	14452	7-10	1220	Wed	00429 00162 44578 ... 15502 46140 25445	MFSK-16/20bd	(AB)
XPA2	14452	9-10	1220	Fri	00429 00162 44578 ... 15502 46140 25445	MFSK-16/20bd	(AB)
XPA2	14452	14-10	1220	Wed	00392 00186 58969 ... 79336 29407 53315	MFSK-16/20bd	(AB)
XPA2	14452	16-10	1220	Fri	00392 00186 58969 ... 79336 29407 53315	MFSK-16/20bd	(AB/MPJ)
XPA2	14452	21-10	1220	Wed	00306 00154 13392 ... 01503 42171 32101	MFSK-16/20bd	(AB)
XPA2	14452	23-10	1220	Fri	00306 00154 13392 ... 01503 42171 32101	MFSK-16/20bd	(AB/MPJ)
XPA2	14452	28-10	1220	Wed	00562 00214 75402 ... 71248 98193 98204 56737	MFSK-16/20bd	(AB)
XPA2	14452	30-10	1220	Fri	00562 00214 75402 ... 71248 98193 98204 56737	MFSK-16/20bd	(AB)
XPA2	14469	4-10	1200	Sun	05985 00056 17121 ... 57975 29104 34742	MFSK-16/20Bd	(AB/MPJ)
XPA2	14469	6-10	1200	Tue	09876 00150 87206 ... 69687 12545 21175	MFSK-16/20Bd	(AB)
XPA2	14469	11-10	1200	Sun	09876 00150 87206 ... 69687 12545 21175	MFSK-16/20Bd	(AB/MPJ/RL-HOL)
XPA2	14469	13-10	1200	Tue	00252 00186 64623 ... 84395 81261 13322	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14469	18-10	1200	Sun	00252 00186 64623 ... 84395 81261 13322	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14469	20-10	1200	Tue	00440 00206 24711 ... 98509 86353 57075	MFSK-16/20Bd	(AB)
XPA2	14469	25-10	1200	Sun	00440 00206 24711 ... 98509 86353 57075	MFSK-16/20Bd	(AB/MPJ)
XPA2	14469	27-10	1200	Tue	00440 00206 24711 ... 98509 86353 57075	MFSK-16/20Bd	(AB)
XPA2	14537	27-10	1100	Tue	06660 00001 00000 34264	MFSK-16/29Bd	(AB/MPJ)
XPA2	14537	30-10	1100	Fri	06371 00001 00000 33265	MFSK-16/29Bd	(AB/MPJ/RL)

XPA2	14672	1-10	1100	Thu	06023 00177 69100 ... 87107 79395 17156	MFSK-16/20bd	(AB)
XPA2	14672	5-10	0720	Mon	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	14672	7-10	0720	Wed	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	14672	7-10	1100	Wed	06566 00001 00000 36664	MFSK-16/20bd	(AB/MPJ)
XPA2	14672	8-10	1100	Thu	01678 00001 0000 00260	MFSK-16/20bd	(AB)
XPA2	14672	12-10	0720	Mon	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	14672	14-10	0720	Wed	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	14672	14-10	1100	Wed	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB/MPJ/HFD)
XPA2	14672	15-10	1100	Thu	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB/MPJ)
XPA2	14672	19-10	0720	Mon	06057 00001 00000 34663	MFSK-16/20Bd	(AB/HFD)
XPA2	14672	21-10	0720	Wed	09632 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	14672	21-10	1100	Wed	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB)
XPA2	14672	22-10	1100	Thu	09107 00125 91493... 45126 33535 70402	MFSK-16/20bd	(AB)
XPA2	14672	26-10	0720	Mon	01976 00001 00000 40660	MFSK-16/20Bd	(AB)
XPA2	14672	28-10	0720	Wed	09161 00001 00000 32267	MFSK-16/20Bd	(AB)
XPA2	14672	28-10	1100	Wed	02740 00001 00000 34656	MFSK-16/20bd	(AB/Dan)
XPA2	14672	29-10	1100	Thu	09313 00001 00000 34262	MFSK-16/20bd	(AB/MPJ)
XPA2	15852	2-10	1240	Fri	07182 00064 60209 ... 97969 58099 74370	MFSK-16/20bd	(AB/MPJ)
XPA2	15852	7-10	1240	Wed	00429 00162 44578 ... 15502 46140 25445	MFSK-16/20bd	(AB)
XPA2	15852	9-10	1240	Fri	00429 00162 44578 ... 15502 46140 25445	MFSK-16/20bd	(AB)
XPA2	15852	14-10	1240	Wed	00392 00186 58969 ... 79336 29407 53315	MFSK-16/20bd	(AB)
XPA2	15852	16-10	1240	Fri	00392 00186 58969 ... 79336 29407 53315	MFSK-16/20bd	(AB/MPJ)
XPA2	15852	21-10	1240	Wed	00306 00154 13392 ... 01503 42171 32101	MFSK-16/20bd	(AB)
XPA2	15852	23-10	1240	Fri	00306 00154 13392 ... 01503 42171 32101	MFSK-16/20bd	(AB/MPJ)
XPA2	15852	28-10	1240	Wed	00562 00214 75402 ... 71248 98193 98204 56737	MFSK-16/20bd	(AB)
XPA2	15852	30-10	1240	Fri	00562 00214 75402 ... 71248 98193 98204 56737	MFSK-16/20bd	(AB)
XPA2	15872	5-10	0740	Mon	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	15872	7-10	0740	Wed	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	15872	12-10	0740	Mon	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	15872	14-10	0740	Wed	00322 00088 47198 ... 85037 48309 73540	MFSK-16/20Bd	(AB)
XPA2	15872	19-10	0740	Mon	06057 00001 00000 34663	MFSK-16/20Bd	(AB/HFD)
XPA2	15872	21-10	0740	Wed	09632 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	15872	26-10	0740	Mon	01976 00001 00000 40660	MFSK-16/20Bd	(AB)
XPA2	15872	28-10	0740	Wed	09161 00001 00000 32267	MFSK-16/20Bd	(AB)
XPA2	15938	1-10	0950	Thu	00548 00200 18546 ... 59963 09379 62250	MFSK-16/20bd	(AB-RUS)
XPA2	15938	3-10	0950	Sat	00548 00200 18546 ... 59963 09379 62250	MFSK-16/20bd	(AB)
XPA2	15938	8-10	0950	Thu	05846 00001 00000 40261	MFSK-16/20bd	(AB)
XPA2	15938	10-10	0950	Sat	06244 00001 00000 33263	MFSK-16/20bd	(AB)
XPA2	15938	15-10	0950	Thu	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB/HFD-RUS)
XPA2	15938	17-10	0950	Sat	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB)
XPA2	15938	22-10	0950	Thu	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB)
XPA2	15938	24-10	0950	Sat	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB/MPJ)
XPA2	15938	29-10	0950	Thu	05494 00001 00000 35266	MFSK-16/20bd	(AB)
XPA2	15938	31-10	0950	Sat	02789 00001 00000 41262	MFSK-16/20bd	(AB)
XPA2	16149	5-10	0930	Mon	08271 00001 00000 32667	MFSK-16/20Bd	(AB)
XPA2	16149	7-10	0930	Wed	01236 00001 00000 35254	MFSK-16/20Bd	(AB)
XPA2	16149	12-10	0930	Mon	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB)

XPA2	16149	14-10	0930	Wed	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB)
XPA2	16149	19-10	0930	Mon	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB)
XPA2	16149	21-10	0930	Wed	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB/HFD)
XPA2	16149	26-10	0930	Mon	09564 00001 00000 35667	MFSK-16/20Bd	(AB)
XPA2	16149	28-10	0930	Wed	01388 00001 00000 36661	MFSK-16/20Bd	(AB/RL)
XPA2	16169	4-10	1220	Sun	05985 00056 17121 ... 57975 29104 34742	MFSK-16/20Bd	(AB/MPJ)
XPA2	16169	6-10	1220	Tue	09876 00150 87206 ... 69687 12545 21175	MFSK-16/20Bd	(AB)
XPA2	16169	11-10	1220	Sun	09876 00150 87206 ... 69687 12545 21175	MFSK-16/20Bd	(AB/MPJ/RL-HOL)
XPA2	16169	13-10	1220	Tue	00252 00186 64623 ... 84395 81261 13322	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	16169	18-10	1220	Sun	00252 00186 64623 ... 84395 81261 13322	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	16169	20-10	1220	Tue	00440 00206 24711 ... 98509 86353 57075	MFSK-16/20Bd	(AB)
XPA2	16169	25-10	1220	Sun	00440 00206 24711 ... 98509 86353 57075	MFSK-16/20Bd	(AB/MPJ)
XPA2	16169	27-10	1220	Tue	00440 00206 24711 ... 98509 86353 57075	MFSK-16/20Bd	(AB/GHn)
XPA2	16338	1-10	0930	Thu	00548 00200 18546 ... 59963 09379 62250	MFSK-16/20bd	(AB-RUS)
XPA2	16338	3-10	0930	Sat	00548 00200 18546 ... 59963 09379 62250	MFSK-16/20bd	(AB)
XPA2	16338	8-10	0930	Thu	05846 00001 00000 40261	MFSK-16/20bd	(AB)
XPA2	16338	10-10	0930	Sat	06244 00001 00000 33263	MFSK-16/20bd	(AB)
XPA2	16338	15-10	0930	Thu	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB/HFD-RUS)
XPA2	16338	17-10	0930	Sat	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB)
XPA2	16338	22-10	0930	Thu	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB)
XPA2	16338	24-10	0930	Sat	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB/MPJ)
XPA2	16338	29-10	0930	Thu	05494 00001 00000 35266	MFSK-16/20bd	(AB)
XPA2	16338	31-10	0930	Sat	02789 00001 00000 41262	MFSK-16/20bd	(AB)
XPA2	17438	1-10	0910	Thu	00548 00200 18546 ... 59963 09379 62250	MFSK-16/20bd	(AB-RUS)
XPA2	17438	3-10	0910	Sat	00548 00200 18546 ... 59963 09379 62250	MFSK-16/20bd	(AB)
XPA2	17438	8-10	0910	Thu	05846 00001 00000 40261	MFSK-16/20bd	(AB)
XPA2	17438	10-10	0910	Sat	06244 00001 00000 33263	MFSK-16/20bd	(AB)
XPA2	17438	15-10	0910	Thu	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB/HFD-RUS)
XPA2	17438	17-10	0910	Sat	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB)
XPA2	17438	22-10	0910	Thu	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB)
XPA2	17438	24-10	0910	Sat	07299 00187 23037 ... 49459 72715 41341	MFSK-16/20bd	(AB/MPJ)
XPA2	17438	29-10	0910	Thu	05494 00001 00000 35266	MFSK-16/20bd	(AB)
XPA2	17438	31-10	0910	Sat	02789 00001 00000 41262	MFSK-16/20bd	(AB)
XPA2	17469	4-10	1240	Sun	05985 00056 17121 ... 57975 29104 34742	MFSK-16/20Bd	(AB/MPJ)
XPA2	17469	6-10	1240	Tue	09876 00150 87206 ... 69687 12545 21175	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	17469	11-10	1240	Sun	09876 00150 87206 ... 69687 12545 21175	MFSK-16/20Bd	(AB/MPJ/RL-HOL)
XPA2	17469	13-10	1240	Tue	00252 00186 64623 ... 84395 81261 13322	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	17469	18-10	1240	Sun	00252 00186 64623 ... 84395 81261 13322	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	17469	20-10	1240	Tue	00440 00206 24711 ... 98509 86353 57075	MFSK-16/20Bd	(AB/RL)
XPA2	17469	25-10	1240	Sun	00440 00206 24711 ... 98509 86353 57075	MFSK-16/20Bd	(AB/MPJ)
XPA2	17469	27-10	1240	Tue	00440 00206 24711 ... 98509 86353 57075	MFSK-16/20Bd	(AB)
XPA2	17471	5-10	0910	Mon	08271 00001 00000 32667	MFSK-16/20Bd	(AB)
XPA2	17471	7-10	0910	Wed	01236 00001 00000 35254	MFSK-16/20Bd	(AB)
XPA2	17471	12-10	0910	Mon	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB)
XPA2	17471	14-10	0910	Wed	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB)
XPA2	17471	19-10	0910	Mon	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB)
XPA2	17471	21-10	0910	Wed	07997 00164 88838 ... 62124 67951 17203	MFSK-16/20Bd	(AB/HFD)

XPA2	17471	26-10	0910	Mon	09564 00001 00000 35667	MFSK-16/20Bd	(AB)
XPA2	17471	28-10	0910	Wed	01388 00001 00000 36661	MFSK-16/20Bd	(AB)
XPB1	5123	4-10	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5123	6-10	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5123	11-10	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5123	13-10	1950	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5123	18-10	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5123	20-10	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5123	25-10	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5123	27-10	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5823	4-10	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5823	6-10	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5823	11-10	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5823	13-10	1940	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5823	18-10	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5823	20-10	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5823	25-10	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5823	27-10	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6923	4-10	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6923	6-10	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6923	11-10	1930	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	6923	13-10	1930	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6923	18-10	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6923	20-10	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6923	25-10	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6923	27-10	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7723	4-10	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7723	6-10	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7723	11-10	1920	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	7723	13-10	1920	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7723	18-10	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7723	20-10	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7723	25-10	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7723	27-10	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8123	4-10	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8123	6-10	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8123	11-10	1910	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	8123	13-10	1910	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8123	18-10	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8123	20-10	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	8123	25-10	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8123	27-10	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9323	4-10	1900	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	9323	6-10	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9323	11-10	1900	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	9323	13-10	1900	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9323	18-10	1900	Sun	Russian intel.	MFSK-16	(AB)

XPB1	9323	20-10	1900	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9323	25-10	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9323	27-10	1900	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10962	3-10	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10962	5-10	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10962	10-10	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10962	12-10	1250	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10962	17-10	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10962	19-10	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10962	24-10	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10962	26-10	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10962	31-10	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11562	3-10	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11562	5-10	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11562	10-10	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11562	12-10	1240	Mon	Russian intel.	MFSK-16	(AB)
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XPB1	11562	19-10	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11562	24-10	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11562	26-10	1240	Mon	Russian intel.	MFSK-16	(AB)
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XPB1	12162	3-10	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12162	5-10	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12162	10-10	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12162	12-10	1230	Mon	Russian intel.	MFSK-16	(AB)
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XPB1	12162	19-10	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12162	24-10	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12162	26-10	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12162	31-10	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13462	3-10	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13462	5-10	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13462	10-10	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13462	12-10	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13462	17-10	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13462	19-10	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13462	24-10	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13462	26-10	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13462	31-10	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13471	6-10	0500	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	13471	12-10	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13471	13-10	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13471	19-10	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13471	26-10	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13471	27-10	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13962	3-10	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13962	5-10	1210	Mon	Russian intel.	MFSK-16	(AB)

XPB1	13962	10-10	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13962	12-10	1210	Mon	Russian intel.	MFSK-16	(AB)
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XPB1	14462	31-10	1200	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	14771	6-10	0510	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	14771	12-10	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14771	13-10	0510	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14771	19-10	0510	Mon	Russian intel.	MFSK-16	(AB)
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XPB1	14771	27-10	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15871	6-10	0520	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	15871	12-10	0520	Mon	Russian intel.	MFSK-16	(AB)
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XPB1	15871	27-10	0520	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	16271	6-10	0530	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	16271	12-10	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16271	13-10	0530	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16271	19-10	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16271	26-10	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16271	27-10	0530	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	17471	6-10	0540	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	17471	12-10	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17471	13-10	0540	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	17471	19-10	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17471	26-10	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17471	27-10	0540	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	18271	6-10	0550	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	18271	12-10	0550	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	18271	13-10	0550	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	18271	19-10	0550	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	18271	26-10	0550	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	18271	27-10	0550	Tue	Russian intel.	MFSK-16	(AB-RUS)
XSL	4153	15-10	1439	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

XSL	4153	31-10	1405	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4231.5	15-10	1439	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4231.5	31-10	1405	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4291	15-10	1439	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4291	31-10	1405	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6250	12-10	2044	Mon	Japanese Navy a.k.a. Slot machine	QPSK 1500Bd	(Dan)
XSL	6250	14-10	2140	Wed	Japanese Navy a.k.a. Slot machine	QPSK 1500Bd	(Dan)
XSL	6250	15-10	1439	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6250	31-10	1405	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6417	15-10	1439	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6417	31-10	1405	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6445	14-10	2140	Wed	Japanese Navy a.k.a. Slot machine	QPSK 1500Bd	(Dan)
XSL	6445	15-10	1439	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6445	31-10	1405	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8313	15-10	1439	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8313	31-10	1405	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8587.5	15-10	1439	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8587.5	31-10	1405	Sat	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

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AB-FIN	Ary Boender via remote rx Finland
AB-HNG	Ary Boender via remote rx Hungary
AB-J	Ary Boender via remote rx Japan
AB-KOR	Ary Boender via remote rx South Korea
AB-KWT	Ary Boender via remote rx Kuwait
AB-PHL	Ary Boender via remote rx Philippines
AB-POL	Ary Boender via remote rx Poland
AB-ROU	Ary Boender via remote rx Romania
AB-RUS	Ary Boender via remote rx Russia
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HFD-PHL	Hans-Friedrich Dumrese via remote rx Philippines
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
HFD-USA	Hans-Friedrich Dumrese via remote rx USA
JPL	JPL, NB, Canada (and various remote rx)
JPL-HK	JPL via remote rx Hong Kong
JPL-RUS	JPL via remote rx Russia
MPJ	Jim, SW England
MPJ-HNG	Jim via remote rx Hungary
MPJ-HOL	Jim via remote rx Netherlands
MPJ-POL	Jim via remote rx Poland
MPJ-RUS	Jim via remote rx Russia
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- UDXF - UTILITY DXERS FORUM <http://www.udxf.nl>
- HF UNDERGROUND <http://www.hfunderground.com/board/>
- PRIYOM <http://priyom.org/>
- ENIGMA <http://www.signalshed.com/>

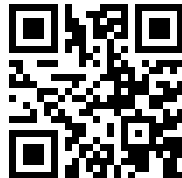
NUMBERS STATIONS SCHEDULES <http://priyom.org/number-stations/station-schedule>

To become an UDXF member go to <https://groups.io/g/UDXF> and follow the instructions.

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